

## SUCO 0531 ELECTRONIC PRESSURE SWITCH

053125104B011  
PNP output (High Side), NC, 0-25 Bar, NPT 1/8, Cable connection



- One Switching Output
- Stainless Steel & Titanium Wetted Parts
- Silicon-On-Sapphire Technology
- Factory Set



### PRODUCT DESCRIPTION

The SUCO 0541 is a compact, high-performance electronic pressure switch engineered with dual PNP outputs, both configured as normally closed. Encased in a durable hex-22 stainless-steel and titanium-wetted housing, it utilises Silicon-on-Sapphire (SoS) sensor technology to deliver precision and long-term stability, while offering high overpressure protection up to 4× the rated pressure. Available in pressure ranges spanning 0–10 bar to 0–600 bar, the 0541 switch supports switching currents up to 500 mA and responds rapidly under demanding conditions with pressure change rates reaching 5,000 bar/s. Factory-set switching points and hysteresis (0.2–99.8 % FS) ensure reliable performance, with a sealed welded design eliminating elastomer seals and meeting IP67 and industrial EMC standards.

The 0541 excels in harsh hydraulic and pneumatic environments, such as construction machinery, mobile hydraulic systems, off-road vehicles, and industrial automation, where compact size, durable construction, and reliable switching under dynamic pressures are essential. Its dual NC PNP outputs allow for redundant or staged switching logic in safety circuits or PLC-controlled systems, ideal for overpressure alarms, machine shutdowns, or interlock functions. The fast response time, high resistance to pressure peaks, and welded sensor design make it particularly suitable for vibration-heavy or wash-down settings. Furthermore, the availability of diverse process threads and electrical connectors ensures seamless integration into OEM systems requiring rugged, precise, and dependable pressure monitoring.

## TECHNICAL DATA

### GENERAL DATA

|                       |                   |
|-----------------------|-------------------|
| Adjustment range max  | 25 bar            |
| Adjustment range min  | 0 bar             |
| Electrical connection | Embedded 2m cable |
| Process connection    | 1/8 NPT           |
| Function              | Normally Closed   |
| Output                | PNP               |
| Burst pressure        | 200 bar           |
| Pressure max          | 100 bar           |

## TEMPERATURE & MATERIALS DATA

|                           |                                  |
|---------------------------|----------------------------------|
| Temperature of media from | -40 °C                           |
| Temperature of media to   | 125 °C                           |
| Temperature ambient from  | -40 °C                           |
| Temperature ambient to    | 100 °C                           |
| Material of body          | Stainless steel 1.4305           |
| Material of wetted parts  | Stainless steel 1.4305, Titanium |

## ADDITIONAL DATA

|                                  |                                                                                    |
|----------------------------------|------------------------------------------------------------------------------------|
| Supply voltage dc max            | 32 V DC                                                                            |
| Supply voltage dc min            | 9.6 V DC                                                                           |
| Pressure rise                    | ≤ 5,000 bar/s                                                                      |
| Switching time                   | < 2 ms                                                                             |
| Switching point adjustment range | 2 ... 100 % of the nominal pressure range Full Scale (FS), programmable at factory |
| Weight                           | 135 g                                                                              |

## SAFETY & APPROVALS

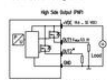
|                                   |                                                                           |
|-----------------------------------|---------------------------------------------------------------------------|
| <b>IP class</b>                   | IP67                                                                      |
| <b>Hysteresis</b>                 | 2..99.8% of nominal pressure range (full scale), programmable at factory  |
| <b>Shock resistance</b>           | 500m / s <sup>2</sup> ; 11 ms half sine wave; DIN EN 60068-2-27           |
| <b>Vibration resistance</b>       | 20g; 4..2000 Hz sine wave, DIN EN 60068-2-6                               |
| <b>EMC</b>                        | EMC 2014/30/EU, EN 61000-6-2:2005, EN 61000-6-3:2007                      |
| <b>Accuracy</b>                   | ±0.5 % of adjustment range (Full scale) at room temperature               |
| <b>Long term stability</b>        | ±0.1 % of adjustment range (full scale) per year                          |
| <b>Mechanical life expectancy</b> | 10,000,000 switching cycles at rise rates to 5,000 bar/s nominal pressure |
| <b>Repeatability</b>              | ±0.1 % full scale                                                         |





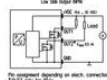
hex 22

Connection diagrams



For component diagram on each connector

\*H07 only for 05A



For component diagram on each connector

\*H07 only for 05A

Technical modifications and errors excepted.

| DIN EN 175301-803-A                                                                                                                                                                | M 12 - DIN EN 61076-2-101 A | ISO 15175-A1-4.1  | AMP Superseal     |     |   |    |   |     |   |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |                                                                                                                                                                                      |     |                                                                                                                                                                                    |            |            |     |     |    |    |     |     |     |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |   |     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-------------------|-------------------|-----|---|----|---|-----|---|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------------|---|-----|---|----|---|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|-----|-----|----|----|-----|-----|-----|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------------|---|-----|---|----|---|-----|---|-----|
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| <table><tr><th>Pin</th><th>Assignment</th></tr><tr><td>1</td><td>Out</td></tr><tr><td>2</td><td>In</td></tr><tr><td>3</td><td>Out</td></tr><tr><td>4</td><td>Out</td></tr></table> | Pin                         | Assignment        | 1                 | Out | 2 | In | 3 | Out | 4 | Out | <table><tr><th>Pin</th><th>Assignment</th></tr><tr><td>1</td><td>Out</td></tr><tr><td>2</td><td>In</td></tr><tr><td>3</td><td>Out</td></tr><tr><td>4</td><td>Out</td></tr></table> | Pin | Assignment | 1 | Out | 2 | In | 3 | Out | 4                                                                                                                                                                                    | Out | <table><tr><th>Pin</th><th>Assignment</th></tr><tr><td>1</td><td>Out</td></tr><tr><td>2</td><td>In</td></tr><tr><td>3</td><td>Out</td></tr><tr><td>4</td><td>Out</td></tr></table> | Pin        | Assignment | 1   | Out | 2  | In | 3   | Out | 4   | Out | <table><tr><th>Pin</th><th>Assignment</th></tr><tr><td>1</td><td>Out</td></tr><tr><td>2</td><td>In</td></tr><tr><td>3</td><td>Out</td></tr><tr><td>4</td><td>Out</td></tr></table> | Pin | Assignment | 1 | Out | 2 | In | 3 | Out | 4 | Out |
| Pin                                                                                                                                                                                | Assignment                  |                   |                   |     |   |    |   |     |   |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |                                                                                                                                                                                      |     |                                                                                                                                                                                    |            |            |     |     |    |    |     |     |     |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |   |     |
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| 2                                                                                                                                                                                  | In                          |                   |                   |     |   |    |   |     |   |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |                                                                                                                                                                                      |     |                                                                                                                                                                                    |            |            |     |     |    |    |     |     |     |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |   |     |
| 3                                                                                                                                                                                  | Out                         |                   |                   |     |   |    |   |     |   |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |                                                                                                                                                                                      |     |                                                                                                                                                                                    |            |            |     |     |    |    |     |     |     |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |   |     |
| 4                                                                                                                                                                                  | Out                         |                   |                   |     |   |    |   |     |   |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |                                                                                                                                                                                      |     |                                                                                                                                                                                    |            |            |     |     |    |    |     |     |     |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |   |     |
| Pin                                                                                                                                                                                | Assignment                  |                   |                   |     |   |    |   |     |   |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |                                                                                                                                                                                      |     |                                                                                                                                                                                    |            |            |     |     |    |    |     |     |     |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |   |     |
| 1                                                                                                                                                                                  | Out                         |                   |                   |     |   |    |   |     |   |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |                                                                                                                                                                                      |     |                                                                                                                                                                                    |            |            |     |     |    |    |     |     |     |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |   |     |
| 2                                                                                                                                                                                  | In                          |                   |                   |     |   |    |   |     |   |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |                                                                                                                                                                                      |     |                                                                                                                                                                                    |            |            |     |     |    |    |     |     |     |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |   |     |
| 3                                                                                                                                                                                  | Out                         |                   |                   |     |   |    |   |     |   |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |                                                                                                                                                                                      |     |                                                                                                                                                                                    |            |            |     |     |    |    |     |     |     |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |   |     |
| 4                                                                                                                                                                                  | Out                         |                   |                   |     |   |    |   |     |   |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |                                                                                                                                                                                      |     |                                                                                                                                                                                    |            |            |     |     |    |    |     |     |     |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |   |     |
| Pin                                                                                                                                                                                | Assignment                  |                   |                   |     |   |    |   |     |   |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |                                                                                                                                                                                      |     |                                                                                                                                                                                    |            |            |     |     |    |    |     |     |     |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |   |     |
| 1                                                                                                                                                                                  | Out                         |                   |                   |     |   |    |   |     |   |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |                                                                                                                                                                                      |     |                                                                                                                                                                                    |            |            |     |     |    |    |     |     |     |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |   |     |
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| 3                                                                                                                                                                                  | Out                         |                   |                   |     |   |    |   |     |   |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |                                                                                                                                                                                      |     |                                                                                                                                                                                    |            |            |     |     |    |    |     |     |     |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |   |     |
| 4                                                                                                                                                                                  | Out                         |                   |                   |     |   |    |   |     |   |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |                                                                                                                                                                                      |     |                                                                                                                                                                                    |            |            |     |     |    |    |     |     |     |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |   |     |
| Pin                                                                                                                                                                                | Assignment                  |                   |                   |     |   |    |   |     |   |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |                                                                                                                                                                                      |     |                                                                                                                                                                                    |            |            |     |     |    |    |     |     |     |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |   |     |
| 1                                                                                                                                                                                  | Out                         |                   |                   |     |   |    |   |     |   |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |                                                                                                                                                                                      |     |                                                                                                                                                                                    |            |            |     |     |    |    |     |     |     |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |   |     |
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| 3                                                                                                                                                                                  | Out                         |                   |                   |     |   |    |   |     |   |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |                                                                                                                                                                                      |     |                                                                                                                                                                                    |            |            |     |     |    |    |     |     |     |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |   |     |
| 4                                                                                                                                                                                  | Out                         |                   |                   |     |   |    |   |     |   |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |                                                                                                                                                                                      |     |                                                                                                                                                                                    |            |            |     |     |    |    |     |     |     |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |   |     |
| IP67                                                                                                                                                                               | IP67                        | IP67              | IP67              |     |   |    |   |     |   |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |                                                                                                                                                                                      |     |                                                                                                                                                                                    |            |            |     |     |    |    |     |     |     |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |   |     |
| • 60 / 75 mm <sup>2</sup>                                                                                                                                                          | • 54 mm                     | • 65 mm (max)     | • 73 mm           |     |   |    |   |     |   |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |                                                                                                                                                                                      |     |                                                                                                                                                                                    |            |            |     |     |    |    |     |     |     |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |   |     |
| • Ø 10 mm                                                                                                                                                                          | • Ø 10 mm                   | • Ø 10 mm         | • Ø 10 mm         |     |   |    |   |     |   |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |                                                                                                                                                                                      |     |                                                                                                                                                                                    |            |            |     |     |    |    |     |     |     |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |   |     |
| Order number: 001                                                                                                                                                                  | Order number: 002           | Order number: 004 | Order number: 003 |     |   |    |   |     |   |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |                                                                                                                                                                                      |     |                                                                                                                                                                                    |            |            |     |     |    |    |     |     |     |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |   |     |
| * without copper jacket / with copper jacket l = 75 mm                                                                                                                             |                             |                   |                   |     |   |    |   |     |   |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |                                                                                                                                                                                      |     |                                                                                                                                                                                    |            |            |     |     |    |    |     |     |     |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |   |     |
| DEUTSCH DT04-4P                                                                                                                                                                    | DEUTSCH DT04-3P             | Cable connection  |                   |     |   |    |   |     |   |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |                                                                                                                                                                                      |     |                                                                                                                                                                                    |            |            |     |     |    |    |     |     |     |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |   |     |
|                                                                                                                                                                                    |                             |                   |                   |     |   |    |   |     |   |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |                                                                                                                                                                                      |     |                                                                                                                                                                                    |            |            |     |     |    |    |     |     |     |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |   |     |
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| Pin                                                                                                                                                                                | Assignment                  |                   |                   |     |   |    |   |     |   |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |                                                                                                                                                                                      |     |                                                                                                                                                                                    |            |            |     |     |    |    |     |     |     |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |   |     |
| 1                                                                                                                                                                                  | Out                         |                   |                   |     |   |    |   |     |   |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |                                                                                                                                                                                      |     |                                                                                                                                                                                    |            |            |     |     |    |    |     |     |     |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |   |     |
| 2                                                                                                                                                                                  | In                          |                   |                   |     |   |    |   |     |   |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |                                                                                                                                                                                      |     |                                                                                                                                                                                    |            |            |     |     |    |    |     |     |     |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |   |     |
| 3                                                                                                                                                                                  | Out                         |                   |                   |     |   |    |   |     |   |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |                                                                                                                                                                                      |     |                                                                                                                                                                                    |            |            |     |     |    |    |     |     |     |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |   |     |
| 4                                                                                                                                                                                  | Out                         |                   |                   |     |   |    |   |     |   |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |                                                                                                                                                                                      |     |                                                                                                                                                                                    |            |            |     |     |    |    |     |     |     |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |   |     |
| Pin                                                                                                                                                                                | Assignment                  |                   |                   |     |   |    |   |     |   |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |                                                                                                                                                                                      |     |                                                                                                                                                                                    |            |            |     |     |    |    |     |     |     |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |   |     |
| 1                                                                                                                                                                                  | Out                         |                   |                   |     |   |    |   |     |   |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |                                                                                                                                                                                      |     |                                                                                                                                                                                    |            |            |     |     |    |    |     |     |     |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |   |     |
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| 3                                                                                                                                                                                  | Out                         |                   |                   |     |   |    |   |     |   |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |                                                                                                                                                                                      |     |                                                                                                                                                                                    |            |            |     |     |    |    |     |     |     |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |   |     |
| Cable                                                                                                                                                                              | Assignment                  |                   |                   |     |   |    |   |     |   |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |                                                                                                                                                                                      |     |                                                                                                                                                                                    |            |            |     |     |    |    |     |     |     |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |   |     |
| 1                                                                                                                                                                                  | Out                         |                   |                   |     |   |    |   |     |   |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |                                                                                                                                                                                      |     |                                                                                                                                                                                    |            |            |     |     |    |    |     |     |     |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |   |     |
| 2                                                                                                                                                                                  | In                          |                   |                   |     |   |    |   |     |   |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |                                                                                                                                                                                      |     |                                                                                                                                                                                    |            |            |     |     |    |    |     |     |     |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |   |     |
| 3                                                                                                                                                                                  | Out                         |                   |                   |     |   |    |   |     |   |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |                                                                                                                                                                                      |     |                                                                                                                                                                                    |            |            |     |     |    |    |     |     |     |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |   |     |
| 4                                                                                                                                                                                  | Out                         |                   |                   |     |   |    |   |     |   |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |                                                                                                                                                                                      |     |                                                                                                                                                                                    |            |            |     |     |    |    |     |     |     |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |   |     |
| IP67                                                                                                                                                                               | IP67                        | IP67              |                   |     |   |    |   |     |   |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |                                                                                                                                                                                      |     |                                                                                                                                                                                    |            |            |     |     |    |    |     |     |     |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |   |     |
| • 38 mm                                                                                                                                                                            | • 38 mm                     | • 65 mm (max)     |                   |     |   |    |   |     |   |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |                                                                                                                                                                                      |     |                                                                                                                                                                                    |            |            |     |     |    |    |     |     |     |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |   |     |
| • Ø 10 mm                                                                                                                                                                          | • Ø 10 mm                   | • Ø 10 mm (max)   |                   |     |   |    |   |     |   |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |                                                                                                                                                                                      |     |                                                                                                                                                                                    |            |            |     |     |    |    |     |     |     |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |   |     |
| Order number: 004                                                                                                                                                                  | Order number: 005           | Order number: 011 |                   |     |   |    |   |     |   |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |                                                                                                                                                                                      |     |                                                                                                                                                                                    |            |            |     |     |    |    |     |     |     |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |   |     |
|                                                                                                                                                                                    |                             |                   |                   |     |   |    |   |     |   |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |                                                                                                                                                                                      |     |                                                                                                                                                                                    |            |            |     |     |    |    |     |     |     |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |   |     |
| Thread code: 01                                                                                                                                                                    | Thread code: 02             | Thread code: 03   | Thread code: 04   |     |   |    |   |     |   |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |                                                                                                                                                                                      |     |                                                                                                                                                                                    |            |            |     |     |    |    |     |     |     |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |   |     |
|                                                                                                                                                                                    |                             |                   |                   |     |   |    |   |     |   |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |                                                                                                                                                                                      |     |                                                                                                                                                                                    |            |            |     |     |    |    |     |     |     |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |   |     |
| Thread code: 05                                                                                                                                                                    | Thread code: 06             | Thread code: 07   | Thread code: 08   |     |   |    |   |     |   |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |                                                                                                                                                                                      |     |                                                                                                                                                                                    |            |            |     |     |    |    |     |     |     |     |                                                                                                                                                                                    |     |            |   |     |   |    |   |     |   |     |

| DIN EN 175301-803-A                                          | M 12 - DIN EN 61076-2-101 A                                   | ISO 15175-A1-4.1                                             | AMP Superseal                                                |
|--------------------------------------------------------------|---------------------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------|
|                                                              |                                                               |                                                              |                                                              |
| Pin Assignment<br>1 Out<br>2 In<br>3 Out<br>4 Out            | Pin Assignment<br>1 Out<br>2 In<br>3 Out<br>4 Out             | Pin Assignment<br>1 Out<br>2 In<br>3 Out<br>4 Out            | Pin Assignment<br>1 Out<br>2 In<br>3 Out<br>4 Out            |
| IP67<br>• 60 / 75 mm <sup>2</sup><br>• Ø 10 mm               | IP67<br>• 54 mm<br>• Ø 10 mm                                  | IP67 (max)<br>• 65 mm (max)<br>• Ø 10 mm                     | IP67<br>• 73 mm<br>• Ø 10 mm                                 |
| Order number: 001                                            | Order number: 002                                             | Order number: 004                                            | Order number: 003                                            |
| * without single socket = 60 mm, with single socket = 75 mm  |                                                               |                                                              |                                                              |
| DEUTSCH DT04-4P                                              | DEUTSCH DT04-3P                                               | Cable connection                                             |                                                              |
|                                                              |                                                               |                                                              |                                                              |
| Pin Assignment<br>1 Out<br>2 In<br>3 Out<br>4 Out            | Pin Assignment<br>1 Out<br>2 In<br>3 Out                      | Cable Assignment<br>40 Out<br>1 In<br>3 Out<br>20 Out        |                                                              |
| IP67 (max)<br>• 38 mm<br>• Ø 10 mm                           | IP67 (max)<br>• 38 mm<br>• Ø 10 mm                            | IP67<br>• 65 mm<br>• Ø 10 mm (max)<br>• Ø 10 mm (max)        |                                                              |
| Order number: 004                                            | Order number: 005                                             | Order number: 011                                            |                                                              |
|                                                              |                                                               |                                                              |                                                              |
| Thread code: 01<br>1/4-18 UNF<br>DIN 9138-1<br>Ø 10 mm (max) | Thread code: 02<br>3/16-24 UNF<br>DIN 9138-1<br>Ø 10 mm (max) | Thread code: 03<br>1/8-28 UNF<br>DIN 9138-1<br>Ø 10 mm (max) | Thread code: 04<br>1/8-28 UNF<br>DIN 9138-1<br>Ø 10 mm (max) |
|                                                              |                                                               |                                                              |                                                              |
| Thread code: 05<br>1/4-18 UNF<br>DIN 9138-1<br>Ø 10 mm (max) | Thread code: 06<br>3/16-24 UNF<br>DIN 9138-1<br>Ø 10 mm (max) | Thread code: 07<br>1/8-28 UNF<br>DIN 9138-1<br>Ø 10 mm (max) | Thread code: 08<br>1/8-28 UNF<br>DIN 9138-1<br>Ø 10 mm (max) |