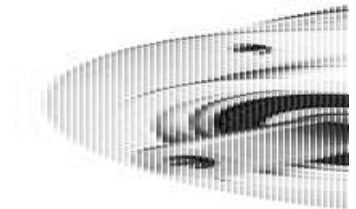


KUEBLER - ABSOLUTE-CODED ANGULAR TRANSMITTER SENDIX 5858/5878, OPTICAL, ETHERCAT, Ø58 MM

SERIE 5878 ETHERCAT

- Housing diameter Ø58 mm
- EtherCAT
- Safety-Lock™
- High enclosure class



PRODUCT DESCRIPTION

Sendix 5858/5878 is a one-way fieldbus transducer with EtherCAT in robust design. Thanks to the construction of Safety-Lock™ as well as the fully cast housing, the sensor is able to handle even the more demanding applications where there are high demands on the sensor. The wide temperature range combined with the high enclosure class allows the sensor to be used outdoors as well as applications where large temperature changes occur. Sendix 5858/5878 is available with LED indication, which facilitates diagnosis of the sensor and a set button that facilitates calibration.

Please refer to the image below for ordering information.

| Order code | 8.5858 | . XXB2 . B2 12 |
|---|--------|----------------|
| Shaft version | Type | a b c d e |
| a Flange | | |
| 1 = clamping flange, IP65 ø 58 mm [2.28"] | | |
| 3 = clamping flange, IP67 ø 58 mm [2.28"] | | |
| 2 = synchro flange, IP65 ø 58 mm [2.28"] | | |
| 4 = synchro flange, IP67 ø 58 mm [2.28"] | | |
| 5 = square flange, IP65 □ 63.5 mm [2.5"] | | |
| 7 = square flange, IP67 □ 63.5 mm [2.5"] | | |
| b Shaft (ø x L), with flat | | |
| 1 = 6 x 10 mm [0.24 x 0.39"] ¹⁾ | | |
| 2 = 10 x 20 mm [0.39 x 0.79"] ²⁾ | | |
| 3 = 1/4" x 7/8" | | |
| 4 = 3/8" x 7/8" | | |
| c Interface / power supply | | |
| B = EtherCAT / 10 ... 30 V DC | | |
| d Type of connection | | |
| removable bus terminal cover | | |
| 2 = 3 x M12 connector, 4-pin | | |
| e Fieldbus profile | | |
| B2= EtherCAT with CoE (CAN over EtherNet) | | |
| Optional on request | | |
| - Ex 2/22 | | |
| - surface protection salt spray tested | | |

| Order code | 8.5878 | . XXB2 . B2 12 |
|--|--------|----------------|
| Hollow shaft | Type | a b c d e |
| a Flange | | |
| 1 = with spring element, long, IP65 | | |
| 2 = with spring element, long, IP67 | | |
| 3 = with stator coupling, IP65 ø 65 mm [2.56"] | | |
| 4 = with stator coupling, IP67 ø 65 mm [2.56"] | | |
| 5 = with stator coupling, IP65 ø 63 mm [2.48"] | | |
| 6 = with stator coupling, IP67 ø 63 mm [2.48"] | | |
| b Blind hollow shaft (insertion depth max. 30 mm [1.18"]) | | |
| 3 = ø 10 mm [0.39"] | | |
| 4 = ø 12 mm [0.47"] | | |
| 5 = ø 14 mm [0.55"] | | |
| 6 = ø 15 mm [0.59"] | | |
| 8 = ø 3/8" | | |
| 9 = ø 1/2" | | |
| c Interface / power supply | | |
| B = EtherCAT / 10 ... 30 V DC | | |
| d Type of connection | | |
| removable bus terminal cover | | |
| 2 = 3 x M12 connector, 4-pin | | |
| e Fieldbus profile | | |
| B2= EtherCAT with CoE (CAN over EtherNet) | | |
| Optional on request | | |
| - Ex 2/22 | | |
| - surface protection salt spray tested | | |

TECHNICAL DATA

| | |
|------------------|------------|
| Connection | M12 |
| Housing diameter | 58 mm |
| IP class | IP65, IP67 |

| | |
|-----------------------------|--------------|
| Mounting | Hollow shaft |
| Output | EtherCAT |
| Sensor type | Absolute |
| Shaft diameter max | 15 mm |
| Shaft diameter min | 10 mm |
| Supply voltage dc max | 30 V DC |
| Supply voltage dc min | 10 V DC |
| Temperature operational max | 80 °C |
| Temperature operational min | -40 °C |
| Version | Singleturn |

