KUEBLER - ABSOLUTE-CODED ANGULAR TRANSMITTER SENDIX 5863/5883, OPTICAL, SSI, Ø58 MM SERIE 5863



- SSI / BiSS
- Safety-Lock[™]
- · High enclosure class

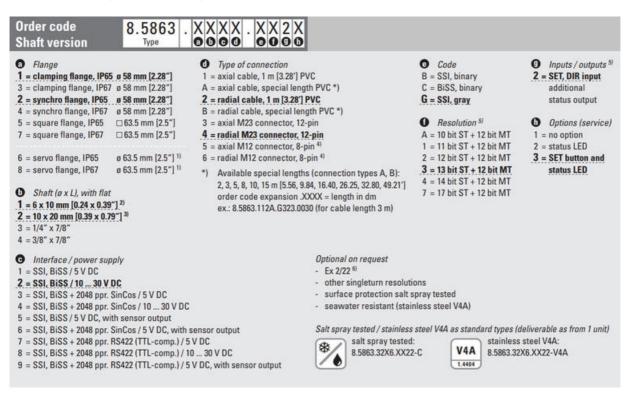


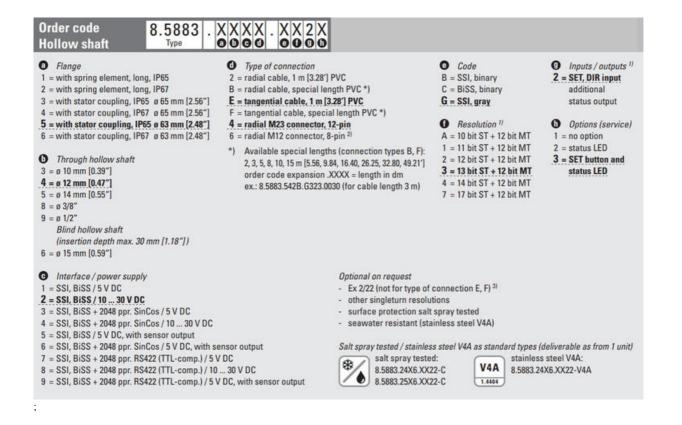


PRODUCT DESCRIPTION

Sendix 5863/5883 is a multivariate sensor with SSI / BiSS interface 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 5863/5883 has LED indication which facilitates diagnosis of the sensor and a set button that facilitates calibration.

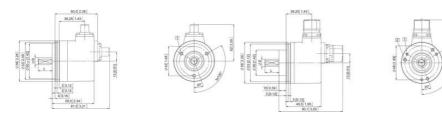
Please refer to the images below for ordering information.





TECHNICAL DATA

| Connection | Cable, M12, M23 contact |
|-----------------------------|-------------------------|
| Housing diameter | 58 mm |
| IP class | IP65, IP67 |
| Mounting | Shoulder |
| Output | SSI |
| Resolution MT | Max. 12 bit |
| Sensor type | Absolute |
| Shaft diameter max | 10 mm |
| Shaft diameter min | 6 mm |
| Supply voltage dc max | 30 V DC |
| Supply voltage dc min | 5 V DC |
| Temperature operational max | 90 °C |
| Temperature operational min | -40 °C |
| Version | Multiturn |



| Interface | Type of connection | Features | Cable (solate unused wires individually before initial start-up) | | | | | | | | | | | | | |
|--|--|--|---|---------|------------|----------|---------|----------|-----------------|-------|------|------|-----|---------|---------|------|
| | | | Signal | 0V | +V | C+ | ¢. | D+ | D | SIT | DIA | Stat | NC | NC | NC | H |
| 1.2 1,2A8.EF | 1,2,4,8,E,F | SET, DIR, Status | Cable colour | WH | IIN | GN | ΥĽ | GY | PK. | 80 | RD | BK. | | - | - | shie |
| interface | Type of connection | Features | M23 connecto | w | | | | | | | | | | | | |
| 1,2 3,4 | SET DIR, Status | Signal: | ov | ÷V | C+ | C. | D+ | D- | SIT | DR | Stat | NC | NC | NIC | H | |
| | | Pin; | 1 | 2 | 1 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 21 | |
| Interface | Type of connection | Features | Cable (Isolate | MINUSER | d wires. | individe | ally be | fore ini | tial star | t-up) | | | | | | |
| 5 1.2.48.E.F | | SET, DIR, Status | Signal: | οv | .vv | C+ | C. | D+ | D | SET | DR | Stat | N/C | Others | +Viens | H |
| | 1.ZAS.EF | sensor output | Cable colour: | WH | IN. | GN | ΥĽ | GY | PK. | BU | RD | BC | | GT-FK | RD-BU | shie |
| interface | Type of connection | Features. | M23 connector | | | | | | | | | | | | | |
| 5 3,4 | | SET DR. Status | Signal | OV | +¥. | C+ | C- | 0+ | D | SIT | DR | Stat | NC | (When | Wans | H |
| | 3,4 | sensor output | Pinc | 1 | 2 | 3 | 4 | - 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 21 |
| Interface | Type of connection | Features | Cable iisolate | unuses | d wires. | individu | ally be | fore ini | tial star | (op) | | | | | | |
| | | SET DIR SinCos | Signal: | OV | +¥ | C+ | C. | D+ | D. | SIT | DIR | A | Ā | | | н |
| 3,4,7,8 1,2,4,8,E,F | 1,2,4,8,E,F | or incr. RS422 | Cable colour | WH | SN. | GN | YE | GY | PK. | BU | RD. | BK | VT | GY-FK | RD-BU | shie |
| Interface | Type of connection | Feetures | M23 contractor | | | | | | | | | | | | | |
| | | SET DIR SInCos | Signal. | OV | +¥. | C+ | C- | D+ | D- | SET | DR | A | Ā | | 1 | H |
| 3, 4, 7, 8 | 3,4 | or incr. RS422 | Pim | 1 | 2 | 3 | 4 | 5 | 6 | 7 | .8 | 0 | 10 | 11 | 12 | 11 |
| interface | Type of connection | Features | Cable Usolate | unoser | d wires i | individe | ally be | fore ini | tial star | (qu-t | | | | | | - |
| | | SinCos o. incr. 85422 | Signal: | οv | . +V | C+ | C. | D+ | D. | A | A | 8 | 8 | diviens | +Viens | H |
| 6 1,2,4,8,6,F | LZABEF | sensor output | Cable colour: | 1611 | 8N | GN | YÉ | GY. | PK. | BU | ID | BK | Vf | GY-FX | RD-BU | shie |
| Interface | Type of connection | Features | M23 connecto | x | | | | | i e te de chere | | | | | | | |
| 6 3,4 | | SinCos o. incr. 85422 | Signal | OV. | +1 | C+ | c. | 0+ | D- | A | X | 1.8 | B | (things | +Vuent | Н |
| | 3.4 | sensor output | Pinc | 1 | 2 | 3 | 4 | 5 | 6 | .7 | 8 | 9 | 10 | 11 | 12 | 211 |
| Interface | Type of connection | Features | M12 connecto | æ | | | | | | | | | | | | |
| | | | Signal | ov | +¥ | C+ | c. | D+ | D- | SET | DB | | H | | | |
| 1, 2 | 5.6 | SET, DIR | Pes | 1 | 2 | 3 | 4 | .5 | 6 7 8 PH | | | | | | - | |
| -ν IV IVars / +Va IVars / +Va IVA IVA IVA IVA IVA IVA IVA IVA IVA IVA | Encoder powe and Using the servi- can be measur Clock signal Data signal incremental or incremental or Set input. The | r supply +V DC r supply ground GN or outputs of the en- ed and if necessary i utput channel A (con- utput channel B)(bin- cument position bec U if this input is action | coder, the volt, increasedaccorr line) el penes defined a re, output value | Singly. | on zero | | | | | (| | 2 | | | et base | |
| an. | backwards (de Status output | crease) when the sh | aft is turning cl | ockets | e | | | | | | | | | | | |