

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.	B212
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.	B212
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			

Specifications

Connection Thread	M12
Housing diameter	58
IP Class	IP65, IP67

Mounting	Hollow shaft
Output	EtherCAT
Sensor type	Absolute
Shaft Diameter max	15
Shaft Diameter min	10
Supply Voltage DC Max	30
Supply Voltage DC Min	10
Temperature range from	-40
Temperature range to	80
Version	Singleturn

