

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

SERIE 5858 PROFIBUS

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



PRODUCT DESCRIPTION

Sendix 5858/5878 is a one-way fieldbus sensor with Profibus 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 images below for ordering information.

Order code	8.5858	. X X 3 X . 31 1 X
Shaft version	Type	a b c d e f
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		
3 = PROFIBUS DP V0		
encoder profile V 1.1, 10 ... 30 V DC		
d Type of connection		
removable bus terminal cover		
1 = with radial cable gland fitting		
2 = with 3 x radial M12 connectors		
e Fieldbus profile		
31 = PROFIBUS DP V0		
encoder profile class 2		
f Options (Service)		
2 = no option		
3 = SET button		
Optional on request		
- Ex 2/22		
- surface protection		
salt spray tested		

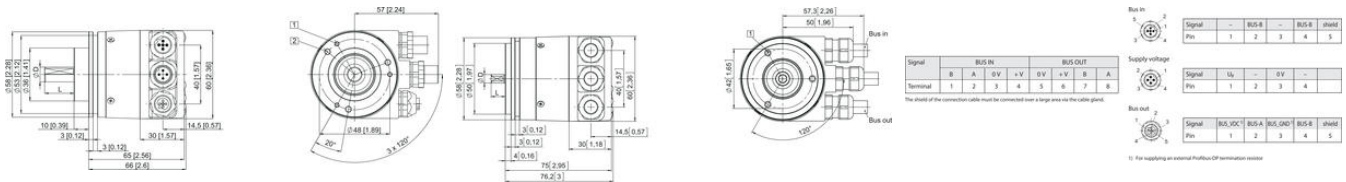
Order code	8.5878	. X X 3 X . 31 1 X
Hollow shaft	Type	a b c d e f
a Flange		
1 = with spring element, long, IP65		
2 = with spring element, long, IP67		
3 = with stator coupling, IP65 ø 65 mm [2.56"]		
4 = with stator coupling, IP67 ø 65 mm [2.56"]		
5 = with stator coupling, IP65 ø 63 mm [2.48"]		
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		
3 = PROFIBUS DP V0		
encoder profile V 1.1, 10 ... 30 V DC		
d Type of connection		
removable bus terminal cover		
1 = with radial cable gland fitting		
2 = with 3 x radial M12 connectors		
e Fieldbus profile		
31 = PROFIBUS DP V0		
encoder profile class 2		
f Options (Service)		
2 = no option		
3 = SET button		
Optional on request		
- Ex 2/22		
- surface protection		
salt spray tested		

TECHNICAL DATA

Connection

Cable, M12

Housing diameter	58 mm
IP class	IP65, IP67
Mounting	Shoulder
Output	Profibus
Sensor type	Absolute
Shaft diameter max	10 mm
Shaft diameter min	6 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



1) For supplying an external Profibus-DP termination resistor