

KUEBLER - ABSOLUTE-CODED ANGULAR TRANSMITTER SENDIX 5868/5888, OPTICAL, PROFIBUS, Ø58 MM

SERIE 5888 PROFIBUS



- Housing diameter Ø58 mm
- Profibus
- High shock resistance
- High enclosure class







Product description

Sendix 5868/5888 is a multivariate 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 5868/5888 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.

Order code		8.5868 . XX3X . 311X	
Shaft version		Type	
a Flange	c Interface / power supply	b Fieldbus profile	d Type of connection, removable bus terminal cover
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"]	3 = PROFIBUS DP V0 encoder profile V 1.1, 10 ... 30 V DC 1 = with radial cable gland fitting 2 = with 3 x radial M12 connectors	31 = PROFIBUS DP V0 encoder profile class 2 Options (service) 2 = no option 3 = SET button	1 = with radial cable gland fitting 2 = with 3 x radial M12 connectors
b Shaft (ø x L), with flat	Optional on request		
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"	- Ex 2/22 - surface protection salt spray tested - seawater resistant (stainless steel V4A)		
Salt spray tested / stainless steel V4A as standard types (deliverable as from 1 unit)			
 salt spray tested: 8.5868.3232.3112-C		 stainless steel V4A: 8.5868.3232.3112-V4A	

X	X	3	X	.	31	1	X
a	b	c	d		e		f

Interface	Type of connection	BUS IN						BUS OUT								
1	1 (Terminal Block)	Signal	B	A	DV	+V	DV	-V	B	A	DV	+V	DV	-V	The pinout of the connection cable must be identical to the one shown on the color guide.	
		Terminator	1	2	3	4	5	6	7	8						
Interface	Type of connection	Function														
3	2 (3 x M12 connector)	Bus In	Signal	-	PB	A	-	-	PB	B	Shield					
		Power supply	Signal	+V	-	DV	-	-	-	-	-	-				
		Bus out	Signal	PB	A	-	-	-	-	-	-	-				
		Power supply	Signal	BUS_VCC	PB	A	BUS_DV	-V	PB	B	Shield					

Interface	Type of connection	BUS IN					BUS OUT					The shield of the connection cable must be connected once a single wire to the cabin ground.	
3	1 (terminal block)	Signal	B	A	0V	+V	0V	+V	B	A			
		Shield	1	2	3	4	5	6	7				
Interface	Type of connection	Function											
3	2 (3 x M12 connector)	Bus in	Signal	—	PS.A	—	PS.B	Shield					
			Pins	1	2	3	4	5					
		Power supply	Signal	+V	—	0V	—						
			Pins	1	2	3	4						
		Bus out	Signal	BUS.VCC	PS.A	BUS.GND	PS.B	Shield					
			Pins	1	2	3	4	5					