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SENDIX 5868/5888, OPTYCZNY, WIELOOBROTOWY, PROFIBUS, Ø58 MM

Enkodery wieloobrotowe absolutne optyczne

SERIE 5888 PROFIBUS

- Średnica zewnętrzna: Ø 58 mm
- Maks. średnica wałka: Ø 10 mm. Maks. średnica otworu: Ø 15 mm
- Maks. rozdzielczość: 16 bitów ST + 12 bitów MT
- Profibus
- Safety-Lock™

OPIS PRODUKTU

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.

W celu określenia numeru katalogowego proszę o zapoznanie się z poniższymi informacjami.

Order code
Shaft version

8.5868	.	X	X	3	X	.	31	1	X
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
- 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

V4A 1.4404
stainless steel V4A:
8.5868.3232.3112-V4A

Order code Hollow shaft 8.5888 . X X 3 X . 31 1 X (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
- seawater resistant (stainless steel V4A)

Salt spray tested / stainless steel V4A as standard types (deliverable as from 1 unit)
salt spray tested:
8.5888.2432.3112-C
8.5888.2532.3112-C
V4A 1.4404 stainless steel V4A:
8.5888.2432.3112-V4A

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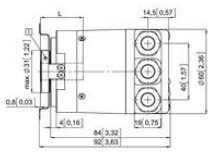
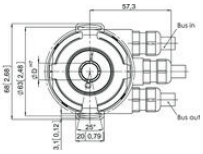
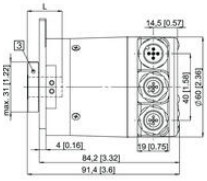
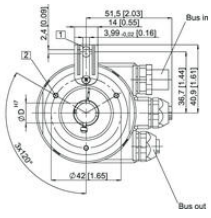
SPECYFIKACJA TECHNICZNA

Max. temperatura pracy	80 °C
Min. temperatura pracy	-40 °C
Montaż	Wał drążony
Napięcie zasilania DC max.	30 V DC
Napięcie zasilania DC min.	10 V DC
Podłączenie	Kabel, Złącze M12
Resolution Overall	Max. 28 bit (default 25 bit)
Rozdzielczość MT	12 bit
Rozdzielczość ST	16 bit (default: 13 bit)
Średnica obudowy	58 mm
Średnica wału max	15 mm
Średnica wału min	10 mm
Stopień ochrony IP	IP65, IP67
Typ czujnika	Absolutny
Wersja	Wieloobrotowy
Wyjście	Profibus


Interface	Type of connection		BUS IN				BUS OUT				
3	1 (terminal box)	Signal:	B	A	0 V	+ V	0 V	+ V	B	A	The shield of the connection cable must be connected over a large area via the cable gland.
		Terminal:	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	
			Pin:	1	2	3	4	5	
		Power supply	Signal:	+V	–	0 V	–		
			Pin:	1	2	3	4		
		Bus out	Signal:	BUS_VDC [1]	PB_A	BUS_GND [1]	PB_B	Shield	
			Pin:	1	2	3	4	5	