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SENDIX F5868/5888, OPTYCZNY, WIELOOBROTOWY, CANOPEN, Ø58 MM

Enkodery wieloobrotowe absolutne optyczne

SERIE F5868 CANOPEN

- Średnica zewnętrzna: Ø 58 mm
- Maks. średnica wałka: Ø 10 mm. Maks. średnica otworu: Ø 15 mm
- Maks. rozdzielczość: 16 bitów ST + 16 bitów MT
- CANopen
- Temperatura pracy: -40° C do +85° C

OPIS PRODUKTU

Sendix F5868 / F5888 is a series of multivalved optical axes and hole axes with CANopen interface and resolution of up to 32 bits (16 bit multi-color + 16-bit one-turn).
The sensor also has high enclosure, shock resistance and a wide temperature range. The F5868 / F5888 is therefore very suitable for applications where extreme environments or temperatures may occur, such as mobile applications.

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

Order code Shaft version 8.F5868 (Type) . X(a) X(b) 2(c) X(d) . 21(e) 2(f) X(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"]

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*
2 = CANopen DS301 V4.02 / 10 ... 30 V DC

d *Type of connection*
A = radial cable, 2 m [6.56'] PVC
B = radial cable, special length PVC *)
E = 1 x radial M12 connector, 5-pin
F = 2 x radial M12 connector, 5-pin
*) Available special lengths (connection type B): 3, 5, 8, 10, 15 m [9.84, 16.40, 26.25, 32.80, 49.21']
order code expansion .XXXX = length in dm
ex.: 8.F5868.122B.2123.0030 (for cable length 3 m)

e *Fieldbus profile*
21 = CANopen

f *Options (service)*
2 = no option
3 = SET button

Optional on request
- Ex 2/22 3)
- surface protection salt spray tested

Order code Hollow shaft 8.F5888.XX2X.21 2X
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 *Through hollow shaft*
3 = ø 10 mm [0.39"]
4 = ø 12 mm [0.47"]
5 = ø 14 mm [0.55"]
6 = ø 15 mm [0.59"]
Blind hollow shaft
(insertion depth max. 30 mm [1.18"])
B = ø 12 mm [1]

c *Interface / power supply*
2 = CANopen DS301 V4.02 / 10 ... 30 V DC

d *Type of connection*
L = tangential cable, 2 m [6.56'] PVC
M = tangential cable, special length PVC *)
E = 1 x radial M12 connector, 5-pin
F = 2 x radial M12 connector, 5-pin [2]
*) Available special lengths (connection type M):
3, 5, 8, 10, 15 m [9.84, 16.40, 26.25, 32.80, 49.21']
order code expansion .XXXX = length in dm
ex.: 8.F5888.542M.2123.0030 (for cable length 3 m)

e *Fieldbus profile*
21 = CANopen

f *Options (service)*
2 = no option
3 = SET button

Optional on request
- Ex 2/22 [3] (not for type of connection L, M)
- surface protection salt spray tested

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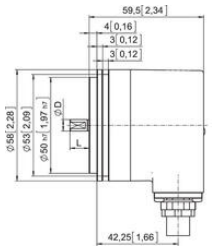
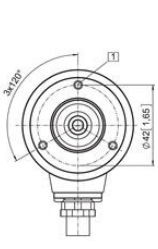
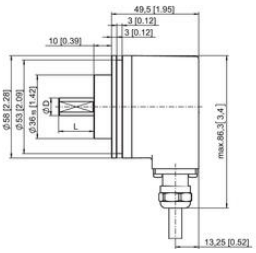
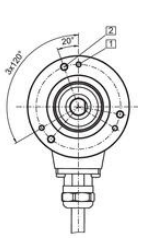
SPECYFIKACJA TECHNICZNA

Max. temperatura pracy	85 °C
Min. temperatura pracy	-40 °C
Montaż	Wał
Napięcie zasilania DC max.	30 V DC
Napięcie zasilania DC min.	10 V DC
Podłączenie	Kabel, M12
Rozdzielczość MT	16 bit
Rozdzielczość ST	Max: 16 bit, default: 13 bit
Średnica obudowy	58 mm
Średnica wału max	10 mm
Średnica wału min	6 mm
Stopień ochrony IP	IP65, IP67
Typ czujnika	Absolutny
Wersja	Wielobrotowy
Wyjście	CANopen









Interface	Type of connection	Function	Cable(Bus terminal cover with terminal box)					
2	A, B, L, M	Bus IN	Signal:	0 V power supply	+V power supply	CAN_L	CAN_H	CAN_GND
			Abbreviation	0 V	+V	CL	CH	CG
			Cable colour	WH	BN	YE	GN	GY

Interface	Type of connection	Function	2 x M12 connector					
2	F	Bus IN	Signal:	0 V power supply	+V power supply	CAN_L	CAN_H	CAN_GND
			Abbreviation	0 V	+V	CL	CH	CG
			Pin:	3	2	5	4	1
		Bus OUT	Signal:	0 V power supply	+V power supply	CAN_L	CAN_H	CAN_GND
			Abbreviation	CG	CL	CH	0 V	+V
			Pin:	3	2	5	4	1

Interface	Type of connection	Function	1 x M12 connector					
2	E	Bus IN	Signal:	0 V power supply	+V power supply	CAN_L	CAN_H	CAN_GND
			Abbreviation	0 V	+V	CL	CH	CG
			Pin:	3	2	5	4	1

Interface	Type of connection	Function	Cable(Bus terminal cover with terminal box)						
2	A, B, L, M	Bus IN	Signal:	0 V power supply	+V power supply	CAN_L	CAN_H	CAN_GND	
			Abbreviation:	0 V	+V	CL	CH	CG	
			Cable colour:	WH	BN	YE	GN	GY	

Interface	Type of connection	Function	2 x M12 connector						
2	F	Bus IN	Signal:	0 V power supply	+V power supply	CAN_L	CAN_H	CAN_GND	
			Abbreviation:	0 V	+V	CL	CH	CG	
			Pin:	3	2	5	4	1	
		Bus OUT	Signal:	0 V power supply	+V power supply	CAN_L	CAN_H	CAN_GND	
			Abbreviation:	CG	CL	CH	0 V	+V	
			Pin:	3	2	5	4	1	

Interface	Type of connection	Function	1 x M12 connector						
2	E	Bus IN	Signal:	0 V power supply	+V power supply	CAN_L	CAN_H	CAN_GND	
			Abbreviation:	0 V	+V	CL	CH	CG	
			Pin:	3	2	5	4	1	