KUEBLER - ABSOLUTE-CODED ANGULAR TRANSMITTER SENDIX F5868 / F5888, OPTICAL, CANOPEN, Ø58 MM

SERIE F5868 CANOPEN

- Housing diameter Ø58 mm
- CANopen Interface
- 16 + 16 bit resolution
- -40 to +85 ° C working temperature



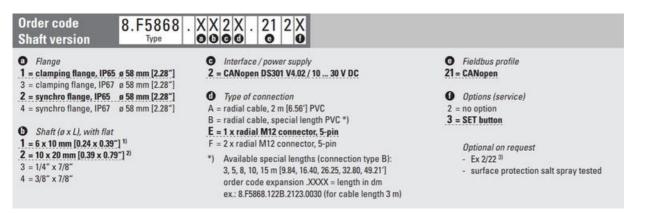


PRODUCT DESCRIPTION

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.

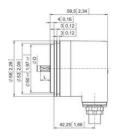
Please refer to the image below for ordering information.

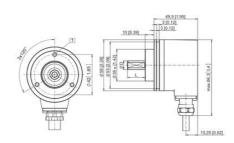


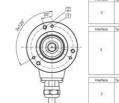
 Flange 1 = with spring element, long, IP65 	Interface / power supply	Fieldbus profile			
1 = with spring element, long, IP65					
2 = with spring element, long, IP67	2 = CANopen DS301 V4.02 / 10 30 V DC	21 = CANopen			
3 = with stator coupling, IP65 ø 65 mm [2.56"]	Type of connection	Options (service)			
4 = with stator coupling, IP67 ø 65 mm [2.56"]	L = tangential cable, 2 m [6.56'] PVC	2 = no option			
5 = with stator coupling, IP65 ø 63 mm [2.48"]	M = tangential cable, special length PVC *)	3 = SET button			
6 = with stator coupling, IP67 ø 63 mm [2.48"]	E = 1 x radial M12 connector, 5-pin F = 2 x radial M12 connector, 5-pin ²⁾	Optional on request			
 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) 	*) 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)	 Ex 2/22 ³¹ (not for type of connection L, 1 surface protection salt spray tested 			

TECHNICAL DATA

Connection	Cable, M12					
Housing diameter	58 mm					
IP class	IP65, IP67					
Mounting	Shoulder					
Output	CANopen					
Resolution MT	16 bit					
Resolution ST	Max: 16 bit, default: 13 bit					
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	85 °C					
Temperature operational min	-40 °C					
Version	Multiturn					







	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	ov	+V	CL.	CH	CG	
				Cable colour	WH	BN	YE	GN	GY	
Γ	Interface	Type of connection	Function	2 x M12 con	2 x M12 connector					
		E.	Bus IN	Signal:	0 V power supply	+V power supply	CANLL	CAN_H	CAN_GND	
				Abbreviation	0.5	+V	CL.	CH	CG	
	2			Pin;	3	2	5	- 4	1	
			Bus OUT	Signal:	0 V power supply	+V power supply	CANL	CAN_H	CAN_GND	
				Abbreviation	CG	CL.	CH	0.V	+1/	
L				Pin	3	2	5	4	1	
Г	Interface	Type of connection	Function	1 x M12 connector						
		ε	Bus IN Abb	Signal	O V power supply	+V power supply	CAN_L	CAN_H	CAN_GND	
	2			Abbreviation	0.V	+¥	CL	CH	CG	
				Pin:	3	2	5	4	1	