

## **KUEBLER - INCREMENTAL ENCODER, SENDIX H120**

SERIE H120



- · High durability
- · Many mounting options
- High degree of enclosure
- Wide temperature range



## PRODUCT DESCRIPTION

The Sendix H120 series is designed to fit in tough environments. Specialized for high voltage motors, generators, steel and crane industry.

The sensor has a high enclosure degree, IP66, IP67 and a wide temperature range -40 to +100 ° C. It is also equipped with "HD-Safety LockTM, which includes double gaskets, against moisture and dust. All layers are also sturdier and stronger.

The many choices of contact types make this pulse sensor very flexible, sometimes the optical fiber, M12, M23 and terminal boxes are selected. The H120 can be delivered with a fastening lever in different lengths.

Please refer to the image below for ordering information.

## Order code 8.H120 0000 Hollow shaft version 6 Flange Pulse rate Output circuit / power supply 4 = RS422 (with inverted signal) / 5 V DC 50, 360, 512, 600, 1000, 1024, 1 = without mounting aid 2 = with fastening arm 70 mm [2.76"] 2) 1 = RS422 (with inverted signal) / 10 ... 30 V DC 1500, 2000, 2048, 2500, 4096, 3 = with fastening arm 100 mm [3.93"] 2) 5 = push-pull (with inverted signal) / 10 ... 30 V DC 4 = with fastening arm 150 mm [5.91"] 2) 6 = push-pull (with inverted signal) / 10 ... 30 V DC, power version up to 350 m (e.g. 360 pulses => 0360) 5 = with stator coupling, ø 119 mm [4.69"] B = optical fiber + RS422 (with inverted signal) / 5 V DC 3) A = optical fiber + RS422 (with inverted signal) / 10 ... 30 V DC 3) Optional on request Through hollow shaft - other pulse rates C = optical fiber + push-pull (with inverted signal) / 10 ... 30 V DC 3) - Ex 2/22 5) 2 = ø 16 mm [0.63"] $3 = \emptyset 20 \text{ mm} [0.79"]$ Type of connection 5 = ø 25 mm [0.98"] 1 = radial cable, 1 m [3.28'] PVC 7 = ø 28 mm [1.10"] A = radial cable, special length PVC \*) 6 = Ø 1" 2 = radial M12 connector, 8-pin, ccw Blind hollow shaft, 4 = radial M23 connector, 12-pin, ccw with central fastening D = radial M23 connector, 12-pin, cw insertion depth max. 53 mm [2.09"] K = terminal box with plug-in spring terminal connectors, rotatable through 180°A = Ø 12 mm [0.47"] L = optical fiber connector + radial M23 connector, 12-pin, cw 4) B = Ø 16 mm [0.63"] \*) Available special lengths (connection type A): Blind hollow shaft, cone 2, 3, 5, 8, 10, 15 m [6.56, 9.84, 16.40, 26.25, 32.80, 49.21'] with central fastening order code expansion .XXXX = length in dm insertion depth max. 22.5 mm [0.89"] ex.: 8.H120.121A.2048.0030 (for cable length 3 m) $K = \emptyset$ 17 mm [0.67"], 1:10

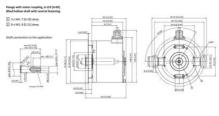
Connection	Cable, M12, M23 contact					
Housing diameter	120 mm					
IP class	IP66, IP67					
Mounting	Hollow shaft					
Output	Push/Pull, RS422					
Pulse max	5000					
Sensor type	Incremental					
Shaft diameter max	25 mm					
Shaft diameter min	12 mm					
Supply voltage dc max	30 V DC					
Supply voltage dc min	5 V DC					
Temperature operational max	100 °C					
Temperature operational min	-40 °C					
Version	Multiturn					

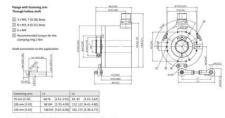


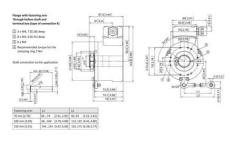


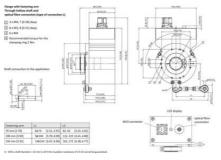


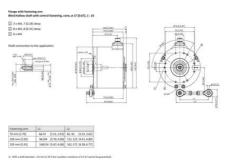












Output circuit	Type of connection													
1.45.6	10.0	Signal:	ov	+V	0 Vers		A	Ä	8	1	.0	ō	+	
		Cabin colour:	WH	BN	GYPK	ROBU	GN	YE	GY	PK	BU	RD	Shield	
Output circuit	Type of connection	M12 connector, 8-y	pin											
1.4.5.6	2	Signal:	ov	4V	0 Vers	viviers	. A.	X		8	0	0	+	
24.50	-	Pin;	1	2	-	-	1	- 4	5	6	7	8	PH 1	
Output circuit	Type of connection	M23 connector, 12	gin											
LASSARG	40.1	Signal:	0.0	«٧	0 Wers	+Vsers	A .	A	8	8	0	0	+	
	40,0	Pin:	10	12	11	2	5	6	. 8	1	3	4	PH	
Output circuit	Type of connection	Terminal connection	mi											
1.45.6		Signal:		A	0	V	·V	+	0	X	100	8	0	
1,4,0,0	- 8	Pin:		. A	100	-		PE	0	X		E.	0	
				F	חחר	100	7							
				84008						3388				
							4			0	$\cup$	9		









