

KUEBLER - ABSOLUTE-CODED ANGULAR TRANSMITTER SENDIX M3663R, MAGNETIC, SSI, Ø36 MM SERIE M3663R



- Housing diameter Ø36 mm
- SSI
- Up to IP69K
- Stainless steel

PRODUCT DESCRIPTION

Sendix M3663R is a magnetically encoded absolute encoder with the latest in multi-color technology with "Energy Harvesting". Energy Harvesting technology is based on magnetic recharging, eliminating both battery and gear.

In addition to multi-color technology, the M3663R has been equipped with extra strong ball bearings and secure attachments, also known as "Safety-Lockplus™".

A unique multifarve pulse sensor with high IP classifications: IP66, IP67 and IP69K, available in stainless steel (V4A).

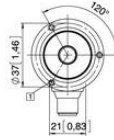
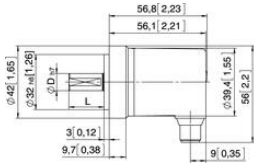
Please refer to the image below for ordering information.

Order code	8.M3663R.XX2X.XXX2									
Shaft version	Type	a	b	c	d	e	f	g		
a Version		1 = standard ¹⁾		c Interface / power supply		f Resolution (singleturn)				
		clamping flange ø 42 mm [1.65"]		2 = SSI / 10 ... 30 V DC		A = 10 bit ST				
		7 = stainless steel V4A ²⁾		d Type of connection		2 = 12 bit ST				
		clamping flange ø 42 mm [1.65"]		2 = radial cable, 1 m [3.28'] PUR		3 = 13 bit ST				
		all metal parts accessible from outside		B = radial cable, special length PUR *)		4 = 14 bit ST				
		are out of stainless steel V4A		4 = radial M12 connector, 8-pin						
b Shaft (ø x L), with flat		1 = ø 6 x 12.5 mm [0.24 x 0.49"]		*) Available special lengths (connection type B):					g Resolution (multiturn)	
		3 = ø 8 x 15 mm [0.32 x 0.59"]		2, 3, 5, 8, 10, 15 m [5.56, 9.84, 16.40, 26.25, 32.80, 49.21']					2 = 12 bit MT	
		5 = ø 10 x 20 mm [0.39 x 0.79"]		order code expansion .XXXX = length in dm					6 = 16 bit MT	
		2 = ø 1/4" x 12.5 mm [0.49"]		ex.: 8.M3663R.132B.G322.0030 (for cable length 3 m)					A = 20 bit MT	
		E = ø 10 x 20 mm [0.39 x 0.79"],							4 = 24 bit MT	
		stainless steel V4A		e Code					Optional on request	
				B = SSI, binary					- Ex 2/22 (only for connection type 4)	
				G = SSI, gray					- other shaft diameters out of V4A stainless steel	

SPECIFICATIONS

Housing diameter	36
IP Class	IP66, IP67, IP69K
Resolution Envarv	10-14 bit
Resolution More Yards	Max. 24 bit
Shaft Diameter max	10
Shaft Diameter min	6

Supply Voltage DC Max	30
Supply Voltage DC Min	10
Temperature range from	-40
Temperature range to	85



Interface	Type of connection	Features	Cable (isolate unused wires individually before initial start-up)
2	2, 8	SET, DIR	Signal: 0V +V C+ C- D+ D- SET DIR H Cable colour: WH BN GN YE GF PK BU RD shield
Interface	Type of connection	Features	M12 connector, 8-pin
2	4	SET, DIR	Signal: 0V +V C+ C- D+ D- SET DIR H Pin: 1 2 3 4 5 6 7 8 PH

+V Encoder power supply +V DC
0V Encoder power supply ground (GND (0V))
C+, C- Clock signal
D+, D- Data signal
SET Set input. The current position becomes defined as position zero.
DIR Direction input. If this input is active, output values are counted backwards (decrease) when the shaft is turning clockwise.
PH Plug connector housing (shield)

Top view of mating side, male contact base



M12 connector, 8-pin

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