

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

- 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).

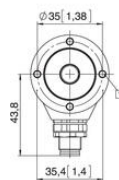
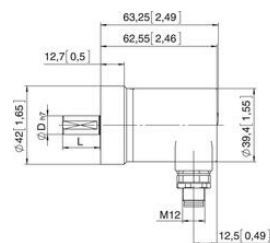
Please refer to the image below for ordering information.

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

TECHNICAL DATA

Connection	M12
Housing diameter	36 mm
IP class	IP66, IP67, IP69K
Mounting	Shoulder

Output	SSI
Resolution MT	Max. 24 bit
Resolution ST	10-14 bit
Sensor type	Absolute
Shaft diameter max	10 mm
Shaft diameter min	10 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	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 GY 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 Pin

+V Encoder power supply +V DC
 0V Encoder power supply ground (GND 0 V)
 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.
 Plug connector housing (shield)



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