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

SERIE M3663R



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

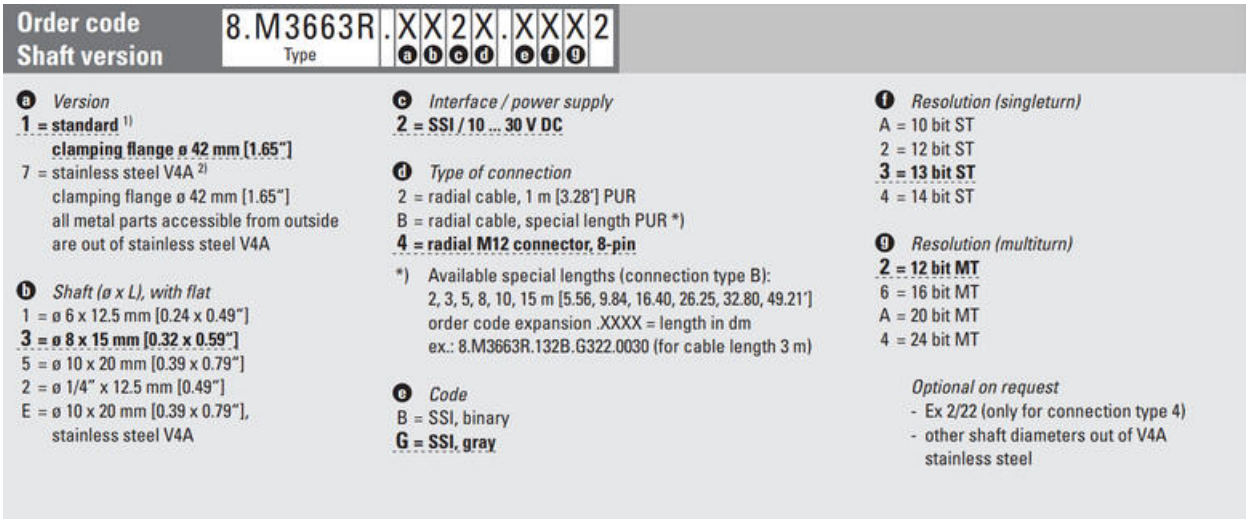
PRODUCT DESCRIPTION

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.

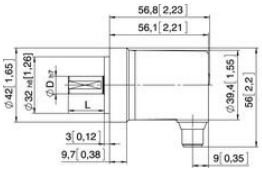


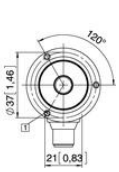
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TECHNICAL DATA

Connection	Cable, 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	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	Features	Cable (isolate unused wires individually before initial start-up)									
2	2, 8	SET, DIR	Signal:	0 V	+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:	0 V	+V	C+	C-	D+	D-	SET	DIR	H
			Pin:	1	2	3	4	5	6	7	8	PH

+V: Encoder power supply +V DC
0 V: 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.
PH H: Plug connector housing (shield)

Top view of mating side, male contact base



M12 connector, 8-pin

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M12 connector, 8-pin