OEM Automatic Ltd
Address: Whiteacres, Whetstone Leicester, LE8 6ZG
0116 284 9900 | Orders@oem.co.uk | www.oem.co.uk

KUEBLER - ABSOLUTE-CODED ANGULAR TRANSMITTER SENDIX M3661R, MAGNETIC, ANALOGUE, Ø36 MM

SERIE M3661R



- Housing diameter Ø36 mm
- Analogue output
- IP66, IP67, IP69K
- Stainless steel model

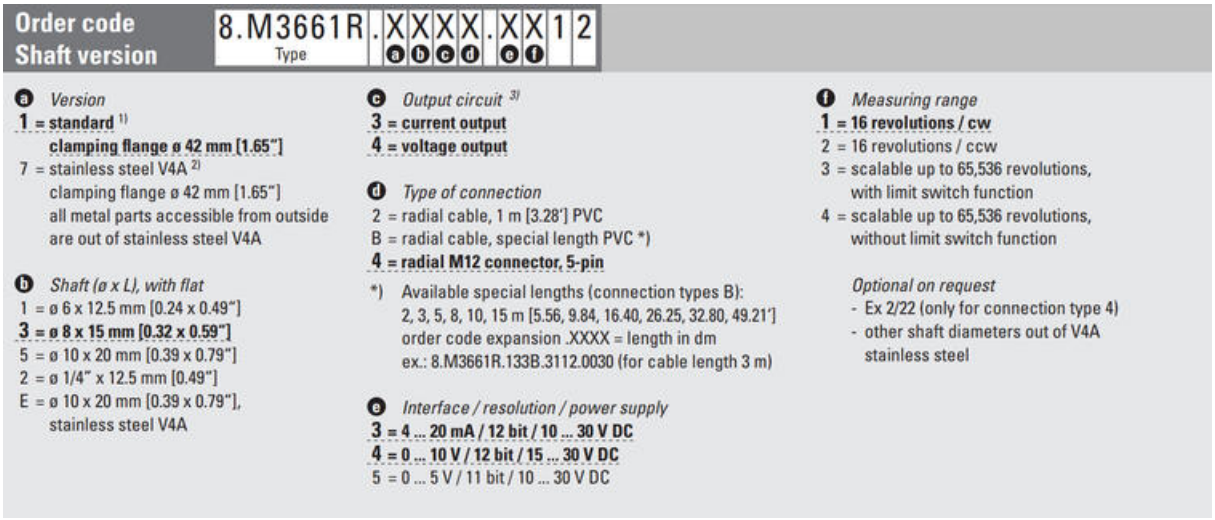
PRODUCT DESCRIPTION

Sendix M3661R 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 M3661R 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.

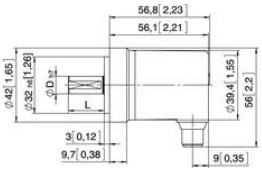


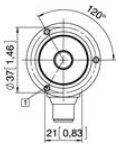
;

TECHNICAL DATA

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

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	Cable (isolate unused wires individually before initial start-up)					
3 (current)	2, 8	Signal:	0 V	+V	+I	SET 1 1)	SET 2 1)
		Cable colour:	WH	BN	GN	GY	PK

Interface	Type of connection	M12 connector, 5 pin					
3 (current)	4	Signal:	0 V	+V	+I	SET 1 1)	SET 2 1)
		Pin:	3	2	1	5	4

Interface	Type of connection	Cable (isolate unused wires individually before initial start-up)					
4, 5 (current)	2, 8	Signal:	0 V	+V	+U	SET 1 1)	SET 2 1)
		Cable colour:	WH	BN	GN	GY	PK

Interface	Type of connection	M12 connector, 5 pin					
4, 5 (current)	4	Signal:	0 V	+V	+U	SET 1 1)	SET 2 1)
		Pin:	3	2	1	5	4

+V : encoder power supply +V DC
0 V : encoder power supply-ground GND (0 V)
+U : voltage
+I : current
SET 1 : set input for teachpoint 1
SET 2 : set input for teachpoint 2

Top view of mating side, male contact base



M12 connector, 5-pin

Interface	Type of connection	Cable (isolate unused wires individually before initial start-up)					
3 (current)	2, 8	Signal:	0 V	+V	+I	SET 1 1)	SET 2 1)
		Cable colour:	WH	BN	GN	GY	PK

Interface	Type of connection	M12 connector, 5 pin					
3 (current)	4	Signal:	0 V	+V	+I	SET 1 1)	SET 2 1)
		Pin:	3	2	1	5	4

Interface	Type of connection	Cable (isolate unused wires individually before initial start-up)					
4, 5 (current)	2, 8	Signal:	0 V	+V	+U	SET 1 1)	SET 2 1)
		Cable colour:	WH	BN	GN	GY	PK

Interface	Type of connection	M12 connector, 5 pin					
4, 5 (current)	4	Signal:	0 V	+V	+U	SET 1 1)	SET 2 1)
		Pin:	3	2	1	5	4

+V : encoder power supply +V DC
0 V : encoder power supply-ground GND (0 V)
+U : voltage
+I : current
SET 1 : set input for teachpoint 1
SET 2 : set input for teachpoint 2

Top view of mating side, male contact base



M12 connector, 5-pin