



**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).

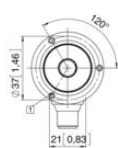
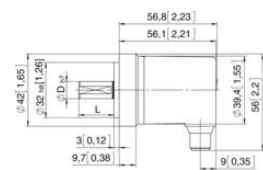
Please refer to the image below for ordering information.

Order code		8.M3661R.XXXXX.XX12									
Shaft version		Type	a	b	c	d	e	f			
a Version		c Output circuit ³⁾									
1 = standard ¹⁾		3 = current output									
clamping flange ø 42 mm [1.65"]		4 = voltage output									
7 = stainless steel V4A ²⁾		d Type of connection									
clamping flange ø 42 mm [1.65"]		2 = radial cable, 1 m [3.28"] PVC									
all metal parts accessible from outside		B = radial cable, special length PVC *)									
are out of stainless steel V4A		4 = radial M12 connector, 5-pin									
b Shaft (ø x L), with flat		*) Available special lengths (connection types B):									
1 = ø 6 x 12.5 mm [0.24 x 0.49"]		2, 3, 5, 8, 10, 15 m [5.56, 9.84, 16.40, 26.25, 32.80, 49.21"]									
3 = ø 8 x 15 mm [0.32 x 0.59"]		order code expansion .XXXX = length in dm									
5 = ø 10 x 20 mm [0.39 x 0.79"]		ex.: 8.M3661R.133B.3112.0030 (for cable length 3 m)									
2 = ø 1/4" x 12.5 mm [0.49"]		e Interface / resolution / power supply									
E = ø 10 x 20 mm [0.39 x 0.79"],		3 = 4 ... 20 mA / 12 bit / 10 ... 30 V DC									
stainless steel V4A		4 = 0 ... 10 V / 12 bit / 15 ... 30 V DC									
		5 = 0 ... 5 V / 11 bit / 10 ... 30 V DC									
		f Measuring range									
		1 = 16 revolutions / cw									
		2 = 16 revolutions / ccw									
		3 = scalable up to 65,536 revolutions,									
		with limit switch function									
		4 = scalable up to 65,536 revolutions,									
		without limit switch function									
		Optional on request									
		- Ex 2/22 (only for connection type 4)									
		- other shaft diameters out of V4A									
		stainless steel									

TECHNICAL DATA

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

Resolution	4-20 mA: 12 bit, 0-10 V: 12 bit, 0-5 V: 11 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	Cable (isolate unused wires individually before initial start-up)									
3	2,8	Signal		0V	+V	+I	SET 1 (1)	SET 2 (1)			
		Cable colour	WH	BN	GN	GY	PK				
Interface	Type of connection	M12 connector, 5 pin									
3	4	Signal		0V	+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	2,8	Signal		0V	+V	+I	SET 1 (1)	SET 2 (1)			
		Cable colour	WH	BN	GN	GY	PK				
Interface	Type of connection	M12 connector, 5 pin									
4,5	4	Signal		0V	+V	+I	SET 1 (1)	SET 2 (1)			
		Pin	3	2	1	5	4				

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

Top view of mating side, male contact base

