

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).

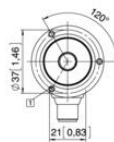
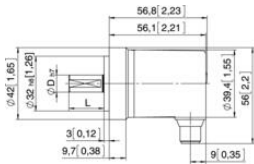
Please refer to the image below for ordering information.

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

Specifications

Connection Thread	Cable, M12
Housing diametre	36
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
Shaft Diameter min	6
Supply Voltage DC Max	30
Supply Voltage DC Min	10
Temperature range from	-40
Temperature range to	85
Version	Multiturn



Interface	Type of connection	Cable (Isolate unused wires individually before initial start up)
3 (current)	2,8	Signal: 0V +V +I SET 1 SET 2 Cable colour: WH BN GN GY PK
Interface	Type of connection	M12 connector, 5 pin
3 (current)	4	Signal: 0V +V +I SET 1 SET 2 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: 0V +V +I SET 1 SET 2 Cable colour: WH BN GN GY PK
Interface	Type of connection	M12 connector, 5 pin
4,5 (current)	4	Signal: 0V +V +U SET 1 SET 2 Pin: 3 2 1 5 4

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

Top view of mating side, male contact base



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Top view of mating side, male contact base

