

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']	
		order code expansion .XXXX = length in dm	<i>Optional on request</i>
b Shaft (ø x L), with flat		ex.: 8.M3661R.133B.3112.0030 (for cable length 3 m)	- Ex 2/22 (only for connection type 4)
1 = ø 6 x 12.5 mm [0.24 x 0.49"]	e Interface / resolution / power supply		- other shaft diameters out of V4A stainless steel
3 = ø 8 x 15 mm [0.32 x 0.59"]	3 = 4 ... 20 mA / 12 bit / 10 ... 30 V DC		
5 = ø 10 x 20 mm [0.39 x 0.79"]	4 = 0 ... 10 V / 12 bit / 15 ... 30 V DC		
2 = ø 1/4" x 12.5 mm [0.49"]	5 = 0 ... 5 V / 11 bit / 10 ... 30 V DC		
E = ø 10 x 20 mm [0.39 x 0.79"], stainless steel V4A			

Specifications

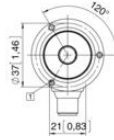
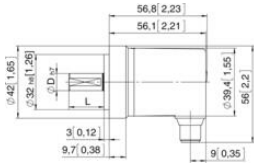
Housing diameter	36
IP Class	IP66, IP67, IP69K
Resolution	4-20 mA: 12 bit, 0-10 V: 12 bit, 0-5 V: 11 bit
Shaft Diameter max	10
Shaft Diameter min	6

Supply Voltage DC Max 30

Supply Voltage DC Min 10

Temperature range from -40

Temperature range to 85



Interface	Type of connector	Cable (Isolate unsold wires individually before initial start-up)
3 (current)	2.8	Signal: 0V -V+ -+I SET 1 ¹⁾ SET 2 ²⁾ Cable colour: WH BN GN CY PK
Interface	Type of connector	M12 connector, 5 pins
3 (current)	4	Signal: 0V -V+ -+I SET 1 ¹⁾ SET 2 ²⁾ Pin: 3 2 1 5 4
Interface	Type of connector	Cable (Isolate unsold wires individually before initial start-up)
4.5 (current)	2.8	Signal: 0V -V+ -+I SET 1 ¹⁾ SET 2 ²⁾ Cable colour: WH BN GN CY PK
Interface	Type of connector	M12 connector, 5 pins
4.5 (current)	4	Signal: 0V -V+ -+I SET 1 ¹⁾ SET 2 ²⁾ Pin: 3 2 1 5 4

Top view of mating side, male contact base



M12 connector, 5 pins

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