

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).

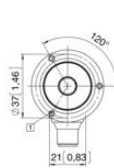
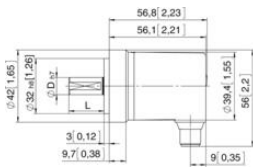
Please refer to the image below for ordering information.

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

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

+V: encoder power supply +V DC +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