

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).

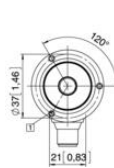
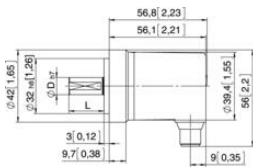
Please refer to the image below for ordering information.

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⁾ clamping flange ø 42 mm [1.65"] 7 = stainless steel V4A ²⁾ clamping flange ø 42 mm [1.65"] all metal parts accessible from outside are out of stainless steel V4A	3 = current output 4 = voltage output	2 = radial cable, 1 m [3.28'] PVC B = radial cable, special length PVC *) 4 = radial M12 connector, 5-pin *) Available special lengths (connection types B): 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 ex.: 8.M3661R.133B.3112.0030 (for cable length 3 m)	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
b Shaft (ø x L), with flat	e Interface / resolution / power supply		
1 = ø 6 x 12.5 mm [0.24 x 0.49"] 3 = ø 8 x 15 mm [0.32 x 0.59"] 5 = ø 10 x 20 mm [0.39 x 0.79"] 2 = ø 1/4" x 12.5 mm [0.49"] E = ø 10 x 20 mm [0.39 x 0.79"], stainless steel V4A	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 unshielded wires individually before initial start-up)
3	2,8	Signal: 0 V +V +I SET 1 SET 2 Cable colour: WH BN GN CY PK
3	4	Signal: 0 V +V +I SET 1 SET 2 Pinc: 3 2 1 5 4
4,5	2,8	Signal: 0 V +V +U SET 1 SET 2 Cable colour: WH BN GN CY PK
4,5	4	Signal: 0 V +V +U SET 1 SET 2 Pinc: 3 2 1 5 4

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



Interface	Type of connector	Cable (isolate unshielded wires individually before initial start-up)
3	2,8	Signal: 0 V +V +I SET 1 SET 2 Cable colour: WH BN GN CY PK
3	4	Signal: 0 V +V +I SET 1 SET 2 Pinc: 3 2 1 5 4
4,5	2,8	Signal: 0 V +V +U SET 1 SET 2 Cable colour: WH BN GN CY PK
4,5	4	Signal: 0 V +V +U SET 1 SET 2 Pinc: 3 2 1 5 4

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

