KUEBLER - ABSOLUTE-CODED ANGULAR TRANSMITTER SENDIX M3661R, MAGNETIC, ANALOGUE, Ø36 MM

SERIE M3661R SS

- 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
Shaft version

8.M3661R . X X X X . X X 1 2
Type — a b c d e f

a *Version*
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

b *Shaft (ø x L), with flat*
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

c *Output circuit* [3]
3 = current output
4 = voltage output

d *Type of connection*
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)

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

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

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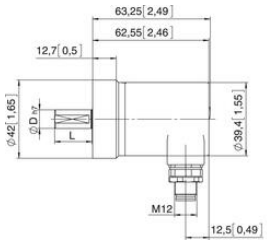
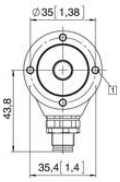
Specifications

Housing diametre	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	10

Supply Voltage DC Max	30
Supply Voltage DC Min	10
Temperature range from	-40
Temperature range to	85





Interface	Type of connection	Cable (isolate unused wires individually before initial start-up)					
3 (current)	2, 8	Signal:	0 V	+V	+I	SET 1 [1]	SET 2 [1]
		Cable colour:	WH	BN	GN	GY	PK

Interface	Type of connection	M12 connector, 5-pin					
3 (current)	4	Signal:	0 V	+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 (current)	2, 8	Signal:	0 V	+V	+U	SET 1 [1]	SET 2 [1]
		Cable colour:	WH	BN	GN	GY	PK

Interface	Type of connection	M12 connector, 5-pin					
4, 5 (current)	4	Signal:	0 V	+V	+U	SET 1 [1]	SET 2 [1]
		Pin:	3	2	1	5	4

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

Top view of mating side, male contact base

M12 connector, 5-pin

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Interface	Type of connection	Cable (isolate unused wires individually before initial start-up)					
4, 5 (current)	2, 8	Signal:	0 V	+V	+U	SET 1 [1]	SET 2 [1]
		Cable colour:	WH	BN	GN	GY	PK

Interface	Type of connection	M12 connector, 5-pin					
4, 5 (current)	4	Signal:	0 V	+V	+U	SET 1 [1]	SET 2 [1]
		Pin:	3	2	1	5	4

+V: encoder power supply +V DC
0 V: encoder power supply ground GND (0 V)
+U: voltage
+I: current
SET 1: set input for teachpoint 1
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Top view of mating side, male contact base

M12 connector, 5-pin