OEM Automatic Sp. z o.o.
ul. Działkowa 121 A, 02-234 Warszawa
+48 22 863 27 22 | info@pl.oem.se | www.oemautomatic.pl

SENDIX M3661R MAGNETYCZNY, WIELOOBROTOWY, ANALOG, Ø36 MM

Enkodery wieloobrotowe absolutne magnetyczne

SERIE M3661R

- Średnica zewnętrzna: Ø 36 mm
- Maks. średnica wałka: Ø 10 mm.
- Maks. rozdzielczość: 16 bitów
- Analog 4-20mA, 0-5V, 0-10 V
- Bardzo wytrzymałe. IP66, IP67, IP69K

OPIS PRODUKTU

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).

W celu określenia numeru katalogowego proszę o zapoznanie się z poniższymi informacjami.

Order code 8.M3661R.XXXX.XX12
Shaft version 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

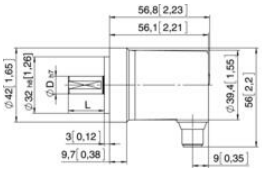
Optional on request
- Ex 2/22 (only for connection type 4)
- other shaft diameters out of V4A stainless steel

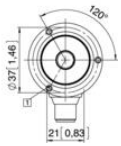
;

SPECYFIKACJA TECHNICZNA

Max. temperatura pracy	85 °C
Min. temperatura pracy	-40 °C
Montaż	Wał
Napięcie zasilania DC max.	30 V DC
Napięcie zasilania DC min.	10 V DC

Podłączenie	Kabel, Złącze M12
Średnica obudowy	36 mm
Średnica wału max	10 mm
Średnica wału min	6 mm
Stopień ochrony IP	IP66, IP67, IP69K
Typ czujnika	Absolutny
Wersja	Wieloobrotowy
Wyjście	Analogowe





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

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