

SENDIX M3661/3681 MAGNETYCZNY, WIELOBROTOWY, ANALOG, Ø36 MM

Enkodery wielobrotowe absolutne magnetyczne

SERIE M3661

- Średnica zewnętrzna: Ø 36 mm
- Maks. średnica wałka: Ø 10 mm. Maks. średnica otworu: Ø 10 mm
- Maks. rozdzielczość: 16 bitów
- Analog 4-20mA, 0-5V, 0-10V
- Safety-Lock™



OPIS PRODUKTU

Energy Harvesting Technology (Technologia Odzysku Energii) w enkoderach absolutnych wielobrotowych magnetycznych sendix M36 Kubler sprawia, że enkodery serii M36 są szczególnie wytrzymałe, niezawodne i optymalne kosztowo. Kompaktowy rozmiar, tylko 36mm średnicy zapewnia możliwość montażu przy niewielkiej ilości miejsca, a stopień ochrony IP67 zapewnia wyjątkową szczelność.

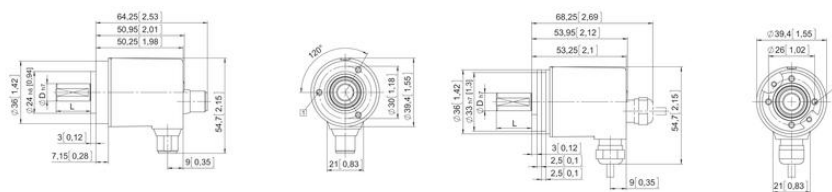
W celu określenia numeru katalogowego proszę o zapoznanie się z poniższymi informacjami.

Order code	8.M3661	.XXXX	.XX12
Shaft version	Type	a b c d	e f
a Flange			
1 = clamping flange, IP67, ø 36 mm [1.42"]			
3 = clamping flange, IP65, ø 36 mm [1.42"]			
2 = synchro flange, IP67, ø 36 mm [1.42"]			
4 = synchro flange, IP65, ø 36 mm [1.42"]			
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"]			
c Output circuit ¹⁾			
3 = current output			
4 = voltage output			
d Type of connection			
1 = axial cable, 1 m [3.28"] PVC			
A = axial cable, special length PVC *)			
2 = radial cable, 1 m [3.28"] PVC			
B = radial cable, special length PVC *)			
3 = axial M12 connector, 5-pin			
4 = radial M12 connector, 5-pin			
*) Available special lengths (connection types A, 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.M3661.433A.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 / ccw			
2 = 16 revolutions / ccw			
3 = scalable up to 65,536 revolutions, with limit switch function / cw			
4 = scalable up to 65,536 revolutions, without limit switch function / cw			
5 = scalable up to 65,536 revolutions, with limit switch function / ccw			
6 = scalable up to 65,536 revolutions, without limit switch function / ccw			
Optional on request			
- Ex 2/22 (only for connection types 3 and 4)			
- surface protection salt spray tested			

Order code	8.M3681	.XXXX	.XX12
Hollow shaft	Type	a b c d	e f
a Flange			
2 = with stator coupling, IP65, ø 46 mm [1.81"]			
3 = with spring element, long, IP65			
5 = with stator coupling, IP67, ø 46 mm [1.81"]			
6 = with spring element, long, IP67			
b Blind hollow shaft (insertion depth max. 18.5 mm [0.73"])			
1 = ø 6 mm [0.24"]			
3 = ø 8 mm [0.32"]			
4 = ø 10 mm [0.39"]			
2 = ø 1/4"			
c Output circuit ¹⁾			
3 = current output			
4 = voltage output			
d Type of connection			
1 = axial cable, 1 m [3.28"] PVC			
A = axial cable, special length PVC *)			
2 = radial cable, 1 m [3.28"] PVC			
B = radial cable, special length PVC *)			
3 = axial M12 connector, 5-pin			
4 = radial M12 connector, 5-pin			
*) Available special lengths (connection types A, 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.M3681.243A.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 / ccw			
2 = 16 revolutions / ccw			
3 = scalable up to 65,536 revolutions, with limit switch function / cw			
4 = scalable up to 65,536 revolutions, without limit switch function / cw			
5 = scalable up to 65,536 revolutions, with limit switch function / ccw			
6 = scalable up to 65,536 revolutions, without limit switch function / ccw			
Optional on request			
- Ex 2/22 (only for connection types 3 and 4)			
- surface protection salt spray tested			

SPECYFIKACJA TECHNICZNA

Montaż	Wał
Napięcie zasilania DC max.	30 V DC
Napięcie zasilania DC min.	10 V DC
Podłączenie	Kabel, Złącze M12
Rozdzielczość	4-20 mA: 12 bit, 0-10 V: 12 bit, 0-5 V: 11 bit
Średnica obudowy	36 mm
Średnica wału max	10 mm
Średnica wału min	6 mm
Stopień ochrony IP	IP65, IP67
Typ czujnika	Absolutny
Wersja	Wieloobrotowy
Wyjście	Analogowe
Zakres temperatur do	85 °C
Zakres temperatur od	-40 °C



Interface	Type of connector	Cable (include unused wires individually before initial start up)					
3 (Sumit)	1, 2, A, B	Signal: Cable colour:	0V WH	+V BN	+I GN	SET 1 ⁺ GV	SET 2 ⁺ PK
Interface	Type of connector	M12 connect 5 pins					
3 (Sumit)	3, 4	Signal: Pin:	0V Pnc.	-V 2	+I 1	SET 1 ⁺ 5	SET 2 ⁺ 4
Interface	Type of connector	Cable (include unused wires individually before initial start up)					
6, 5 (Sumit)	1, 2, A, B	Signal: Cable colour:	0V WH	+V BN	+I GN	SET 1 ⁺ GV	SET 2 ⁺ PK
Interface	Type of connector	M12 connect 5 pins					
6, 5 (Sumit)	3, 4	Signal: Pin:	0V Pnc.	-V 2	+I 1	SET 1 ⁺ 5	SET 2 ⁺ 4

+V = encoder power supply via DC +I = voltage SET 1 = set input for trip point 1
 -V = encoder power supply return (GND) via DC SET 2 = set input for trip point 2

Y1: For available version.

Top view of mating side, male contact base

