

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

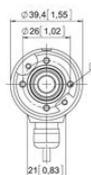
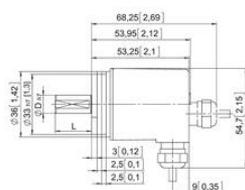
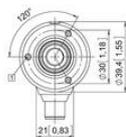
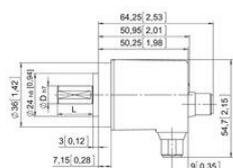
<p>a Flange</p> <p>1 = clamping flange, IP67, ø 36 mm [1.42"]</p> <p>3 = clamping flange, IP65, ø 36 mm [1.42"]</p> <p>2 = synchro flange, IP67, ø 36 mm [1.42"]</p> <p>4 = synchro flange, IP65, ø 36 mm [1.42"]</p> <p>b Shaft (ø x L), with flat</p> <p>1 = ø 6 x 12.5 mm [0.24 x 0.49"]</p> <p>3 = ø 8 x 15 mm [0.32 x 0.59"]</p> <p>5 = ø 10 x 20 mm [0.39 x 0.79"]</p> <p>2 = ø 1/4" x 12.5 mm [0.49"]</p> <p>c Output circuit ¹⁾</p> <p>3 = current output</p> <p>4 = voltage output</p>	<p>d Type of connection</p> <p>1 = axial cable, 1 m [3.28'] PVC</p> <p>A = axial cable, special length PVC *)</p> <p>2 = radial cable, 1 m [3.28'] PVC</p> <p>B = radial cable, special length PVC *)</p> <p>3 = axial M12 connector, 5-pin</p> <p>4 = radial M12 connector, 5-pin</p> <p>*) 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)</p> <p>e Interface / resolution / power supply</p> <p>3 = 4 ... 20 mA / 12 bit / 10 ... 30 V DC</p> <p>4 = 0 ... 10 V / 12 bit / 15 ... 30 V DC</p> <p>5 = 0 ... 5 V / 11 bit / 10 ... 30 V DC</p>	<p>f Measuring range</p> <p>1 = 16 revolutions / cw</p> <p>2 = 16 revolutions / ccw</p> <p>3 = scalable up to 65,536 revolutions, with limit switch function / cw</p> <p>4 = scalable up to 65,536 revolutions, without limit switch function / cw</p> <p>5 = scalable up to 65,536 revolutions, with limit switch function / ccw</p> <p>6 = scalable up to 65,536 revolutions, without limit switch function / ccw</p> <p><i>Optional on request</i></p> <ul style="list-style-type: none"> - Ex 2/22 (only for connection types 3 and 4) - surface protection salt spray tested
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Order code	8.M3681	.XXXX	.XX12
Hollow shaft	Type	a b c d	e f

<p>a Flange</p> <p>2 = with stator coupling, IP65, ø 46 mm [1.81"]</p> <p>3 = with spring element, long, IP65</p> <p>5 = with stator coupling, IP67, ø 46 mm [1.81"]</p> <p>6 = with spring element, long, IP67</p> <p>b Blind hollow shaft (insertion depth max. 18.5 mm [0.73"])</p> <p>1 = ø 6 mm [0.24"]</p> <p>3 = ø 8 mm [0.32"]</p> <p>4 = ø 10 mm [0.39"]</p> <p>2 = ø 1/4"</p> <p>c Output circuit ¹⁾</p> <p>3 = current output</p> <p>4 = voltage output</p>	<p>d Type of connection</p> <p>1 = axial cable, 1 m [3.28'] PVC</p> <p>A = axial cable, special length PVC *)</p> <p>2 = radial cable, 1 m [3.28'] PVC</p> <p>B = radial cable, special length PVC *)</p> <p>3 = axial M12 connector, 5-pin</p> <p>4 = radial M12 connector, 5-pin</p> <p>*) 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)</p> <p>e Interface / resolution / power supply</p> <p>3 = 4 ... 20 mA / 12 bit / 10 ... 30 V DC</p> <p>4 = 0 ... 10 V / 12 bit / 15 ... 30 V DC</p> <p>5 = 0 ... 5 V / 11 bit / 10 ... 30 V DC</p>	<p>f Measuring range</p> <p>1 = 16 revolutions / cw</p> <p>2 = 16 revolutions / ccw</p> <p>3 = scalable up to 65,536 revolutions, with limit switch function / cw</p> <p>4 = scalable up to 65,536 revolutions, without limit switch function / cw</p> <p>5 = scalable up to 65,536 revolutions, with limit switch function / ccw</p> <p>6 = scalable up to 65,536 revolutions, without limit switch function / ccw</p> <p><i>Optional on request</i></p> <ul style="list-style-type: none"> - Ex 2/22 (only for connection types 3 and 4) - surface protection salt spray tested
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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	IP65, IP67
Typ czujnika	Absolutny
Wersja	Wielobrotowy
Wyjście	Analogowe



Interface (current)	Type of connector	Cable (isolate unused wires individually before initial start-up)	Signal:	DV	+V	+I	SET 1 ¹⁾	SET 2 ¹⁾
3	1, 2, A, B	Cable colour:	WH	BN	GN	GY	PK	
Interface (current)	Type of connector	M12 connector, 5-pin	Signal:	DV	+V	+I	SET 1 ¹⁾	SET 2 ¹⁾
3	3, 4	Pin:	3	2	1	5	4	
Interface (current)	Type of connector	Cable (isolate unused wires individually before initial start-up)	Signal:	DV	+V	+I	SET 1 ¹⁾	SET 2 ¹⁾
4, 5	1, 2, A, B	Cable colour:	WH	BN	GN	GY	PK	
Interface (current)	Type of connector	M12 connector, 5-pin	Signal:	DV	+V	+I	SET 1 ¹⁾	SET 2 ¹⁾
4, 5	3, 4	Pin:	3	2	1	5	4	

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

1): For suitable version.

Top view of mating side, male contact base



Interface (current)	Type of connector	Cable (isolate unused wires individually before initial start-up)	Signal:	DV	+V	+I	SET 1 ¹⁾	SET 2 ¹⁾
3	1, 2, A, B	Cable colour:	WH	BN	GN	GY	PK	
Interface (current)	Type of connector	M12 connector, 5-pin	Signal:	DV	+V	+I	SET 1 ¹⁾	SET 2 ¹⁾
3	3, 4	Pin:	3	2	1	5	4	
Interface (current)	Type of connector	Cable (isolate unused wires individually before initial start-up)	Signal:	DV	+V	+I	SET 1 ¹⁾	SET 2 ¹⁾
4, 5	1, 2, A, B	Cable colour:	WH	BN	GN	GY	PK	
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Top view of mating side, male contact base

