

SENDIX M3663/3683 MAGNETYCZNY, WIELOBROTOWY, SSI, Ø36 MM

Enkodery wielobrotowe absolutne magnetyczne

SERIE M3663

- Średnica zewnętrzna: Ø 36 mm
- Maks. średnica wałka: Ø 10 mm. Maks. średnica otworu: Ø 10 mm
- Maks. rozdzielczość: 14 bitów ST + 24 bitów MT
- SSI
- 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.

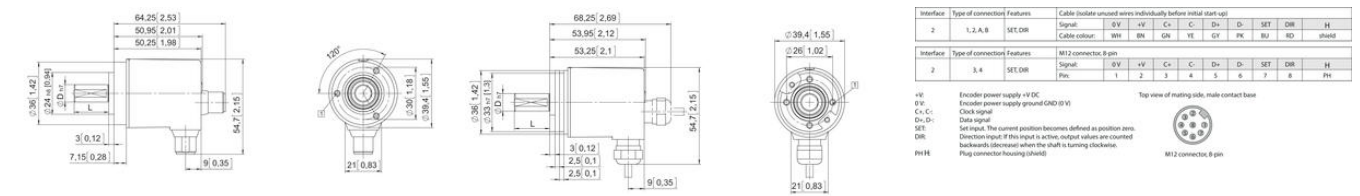
W celu określenia numeru katalogowego proszę o zapoznanie się z poniższymi informacjami.

Order code	8.M3663	.XX2X	.XXXX2
Shaft version	Type	a b c d	e f g
a Flange		d Type of connection	f Resolution (singleturn)
1 = clamping flange, IP67, ø 36 mm [1.42"]		1 = axial cable, 1 m [3.28'] PUR	A = 10 bit ST
3 = clamping flange, IP65, ø 36 mm [1.42"]		A = axial cable, special length PUR *)	2 = 12 bit ST
2 = synchro flange, IP67, ø 36 mm [1.42"]		2 = radial cable, 1 m [3.28'] PUR	3 = 13 bit ST
4 = synchro flange, IP65, ø 36 mm [1.42"]		B = radial cable, special length PUR *)	4 = 14 bit ST
b Shaft (ø x L), with flat		3 = axial M12 connector, 8-pin	g Resolution (multiturn)
1 = ø 6 x 12.5 mm [0.24 x 0.49"]		4 = radial M12 connector, 8-pin	2 = 12 bit MT
3 = ø 8 x 15 mm [0.32 x 0.59"]		*) Available special lengths (connection types A, B):	6 = 16 bit MT
5 = ø 10 x 20 mm [0.39 x 0.79"]		2, 3, 5, 8, 10, 15 m [5.56, 9.84, 16.40, 26.25, 32.80, 49.21']	A = 20 bit MT
2 = ø 1/4" x 12.5 mm [0.49"]		order code expansion .XXXX = length in dm	4 = 24 bit MT
c Interface / power supply		ex.: 8.M3663.432A.G322.0030 (for cable length 3 m)	Optional on request
2 = SSI / 10 ... 30 V DC		e Code	- Ex 2/22 (only for connection types 3 and 4)
		B = SSI, binary	- surface protection salt spray tested
		G = SSI, gray	

Order code	8.M3683	.XX2X	.XXXX2
Hollow shaft	Type	a b c d	e f g
a Flange		d Type of connection	f Resolution (singleturn)
2 = with stator coupling, IP65, ø 46 mm [1.81"]		1 = axial cable, 1 m [3.28'] PUR	A = 10 bit ST
3 = with spring element, long, IP65		A = axial cable, special length PUR *)	2 = 12 bit ST
5 = with stator coupling, IP67, ø 46 mm [1.81"]		2 = radial cable, 1 m [3.28'] PUR	3 = 13 bit ST
6 = with spring element, long, IP67		B = radial cable, special length PUR *)	4 = 14 bit ST
b Blind hollow shaft		3 = axial M12 connector, 8-pin	g Resolution (multiturn)
(insertion depth max. 18.5 mm [0.73"])		4 = radial M12 connector, 8-pin	2 = 12 bit MT
1 = ø 6 mm [0.24"]		*) Available special lengths (connection types A, B):	6 = 16 bit MT
3 = ø 8 mm [0.32"]		2, 3, 5, 8, 10, 15 m [5.56, 9.84, 16.40, 26.25, 32.80, 49.21']	A = 20 bit MT
4 = ø 10 mm [0.39"]		order code expansion .XXXX = length in dm	4 = 24 bit MT
2 = ø 1/4"		ex.: 8.M3683.242A.G322.0030 (for cable length 3 m)	Optional on request
c Interface / power supply		e Code	- Ex 2/22 (only for connection types 3 and 4)
2 = SSI / 10 ... 30 V DC		B = SSI, binary	- surface protection salt spray tested
		G = SSI, gray	

SPECYFIKACJA TECHNICZNA

Montaż	Wał
Napięcie zasilania DC max.	30 V DC
Napięcie zasilania DC min.	10 V DC
Podłączenie	Kabel, Złącze M12
Rozdzielczość MT	Max. 24 bit
Rozdzielczość ST	10-14 bit
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	SSI
Zakres temperatur do	85 °C
Zakres temperatur od	-40 °C



Interface	Type of connection	Features	Cable (isolate unused wires individually before initial start-up)
2	1, 2, A, B	SET, DIR	Signal: 0 V, +V, C+, C-, D+, D-, SET, DIR, H Cable colour: WH, BN, GN, YE, GV, PK, BU, RD, shield
Interface	Type of connection	Features	M12 connector, 8 pin
2	3, 4	SET, DIR	Signal: 0 V, +V, C+, C-, D+, D-, SET, DIR, H Pin: 1, 2, 3, 4, 5, 6, 7, 8, Pin

+V: Encoder power supply +V DC
0 V: Encoder power supply ground (GND 0 V)
C+, C-: Clock signal
D+, D-: Data signal
SET: Set input. The current position becomes defined as position zero.
DIR: Direction input. If this input is active, output values are counted backwards (decreased) when the shaft is turning clockwise.
Pin: Plug connector housing (shield)

Top view of mating cable, male contact base

M12 connector, 8 pin