

# KUEBLER - ABSOLUTE-CODED ANGULAR TRANSMITTER SENDIX M3663R, MAGNETIC, SSI, Ø36 MM SERIE M3663R

- Housing diameter Ø36 mm
- SSI
- Up to IP69K
- Stainless steel



## PRODUCT DESCRIPTION

Sendix M3663R 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 M3663R 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	8.M3663R.XX2X.XXX2									
Shaft version	Type	a	b	c	d	e	f	g		
<b>a</b> Version										
<b>1</b> = standard <sup>1)</sup>										
clamping flange ø 42 mm [1.65"]										
7 = stainless steel V4A <sup>2)</sup>										
clamping flange ø 42 mm [1.65"]										
all metal parts accessible from outside										
are out of stainless steel V4A										
<b>b</b> Shaft (ø x L), with flat										
1 = ø 6 x 12.5 mm [0.24 x 0.49"]										
<b>3</b> = 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										
<b>c</b> Interface / power supply										
<b>2</b> = SSI / 10 ... 30 V DC										
<b>d</b> Type of connection										
2 = radial cable, 1 m [3.28'] PUR										
B = radial cable, special length PUR *)										
<b>4</b> = radial M12 connector, 8-pin										
*) Available special lengths (connection type 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.M3663R.132B.G322.0030 (for cable length 3 m)										
<b>e</b> Code										
B = SSI, binary										
<b>G</b> = SSI, gray										
<b>f</b> Resolution (singleturn)										
A = 10 bit ST										
2 = 12 bit ST										
<b>3</b> = 13 bit ST										
4 = 14 bit ST										
<b>g</b> Resolution (multiturn)										
<b>2</b> = 12 bit MT										
6 = 16 bit MT										
A = 20 bit MT										
4 = 24 bit MT										
<i>Optional on request</i>										
- Ex 2/22 (only for connection type 4)										
- other shaft diameters out of V4A stainless steel										

## TECHNICAL DATA

<b>Connection</b>	Cable, M12
<b>Housing diameter</b>	36 mm
<b>IP class</b>	IP66, IP67, IP69K
<b>Mounting</b>	Shoulder
<b>Output</b>	SSI

<b>Resolution MT</b>	Max. 24 bit
<b>Resolution ST</b>	10-14 bit
<b>Sensor type</b>	Absolute
<b>Shaft diameter max</b>	10 mm
<b>Shaft diameter min</b>	6 mm
<b>Supply voltage dc max</b>	30 V DC
<b>Supply voltage dc min</b>	10 V DC
<b>Temperature operational max</b>	85 °C
<b>Temperature operational min</b>	-40 °C
<b>Version</b>	Multiturn

