

# KUEBLER - ABSOLUTE-CODED ANGULAR TRANSMITTER SENDIX M3661R, MAGNETIC, ANALOGUE, Ø36 MM

SERIE M3661R



- Housing diameter Ø36 mm
- Analogue output
- IP66, IP67, IP69K
- Stainless steel model

## PRODUCT DESCRIPTION

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).

Please refer to the image below for ordering information.

Order code	8.M3661R.XX.XX.XX12					
Shaft version	Type	a	b	c	d	e
<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> Output circuit <sup>3)</sup>		<b>3</b> = current output				
		<b>4</b> = voltage output				
<b>d</b> Type of connection		2 = radial cable, 1 m [3.28'] PVC				
		B = radial cable, special length PVC *)				
		<b>4</b> = 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)				
<b>e</b> Interface / resolution / power supply		<b>3</b> = 4 ... 20 mA / 12 bit / 10 ... 30 V DC				
		<b>4</b> = 0 ... 10 V / 12 bit / 15 ... 30 V DC				
		5 = 0 ... 5 V / 11 bit / 10 ... 30 V DC				
<b>f</b> Measuring range		<b>1</b> = 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				
		<i>Optional on request</i>				
		- Ex 2/22 (only for connection type 4)				
		- other shaft diameters out of V4A stainless steel				

## SPECIFICATIONS

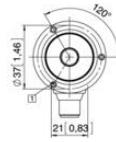
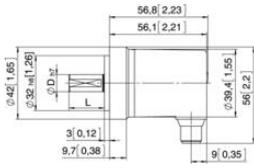
Housing diameter	36
IP Class	IP66, IP67, IP69K
Shaft Diameter max	10
Shaft Diameter min	6
Supply Voltage DC Max	30
Supply Voltage DC Min	10

Temperature range from

-40

Temperature range to

85



Interface (count)	Type of connection	Cable (isolate unused wires individually before initial start-up)	Signal	0 V	+V	+I	SET 1	SET 2
3	2, 8	WH	BN	GN	GY	PK		
4, 5	M12 connector, 5-pin							
3	4		0 V	+V	+I	SET 1	SET 2	
4, 5	2, 8		0 V	+V	+I	SET 1	SET 2	
4, 5	M12 connector, 5-pin							
3	4		0 V	+V	+I	SET 1	SET 2	
4, 5	2, 8		0 V	+V	+I	SET 1	SET 2	

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



Interface (count)	Type of connection	Cable (isolate unused wires individually before initial start-up)	Signal	0 V	+V	+I	SET 1	SET 2
3	2, 8	WH	BN	GN	GY	PK		
4, 5	M12 connector, 5-pin							
3	4		0 V	+V	+I	SET 1	SET 2	
4, 5	2, 8		0 V	+V	+I	SET 1	SET 2	
4, 5	M12 connector, 5-pin							
3	4		0 V	+V	+I	SET 1	SET 2	
4, 5	2, 8		0 V	+V	+I	SET 1	SET 2	

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

