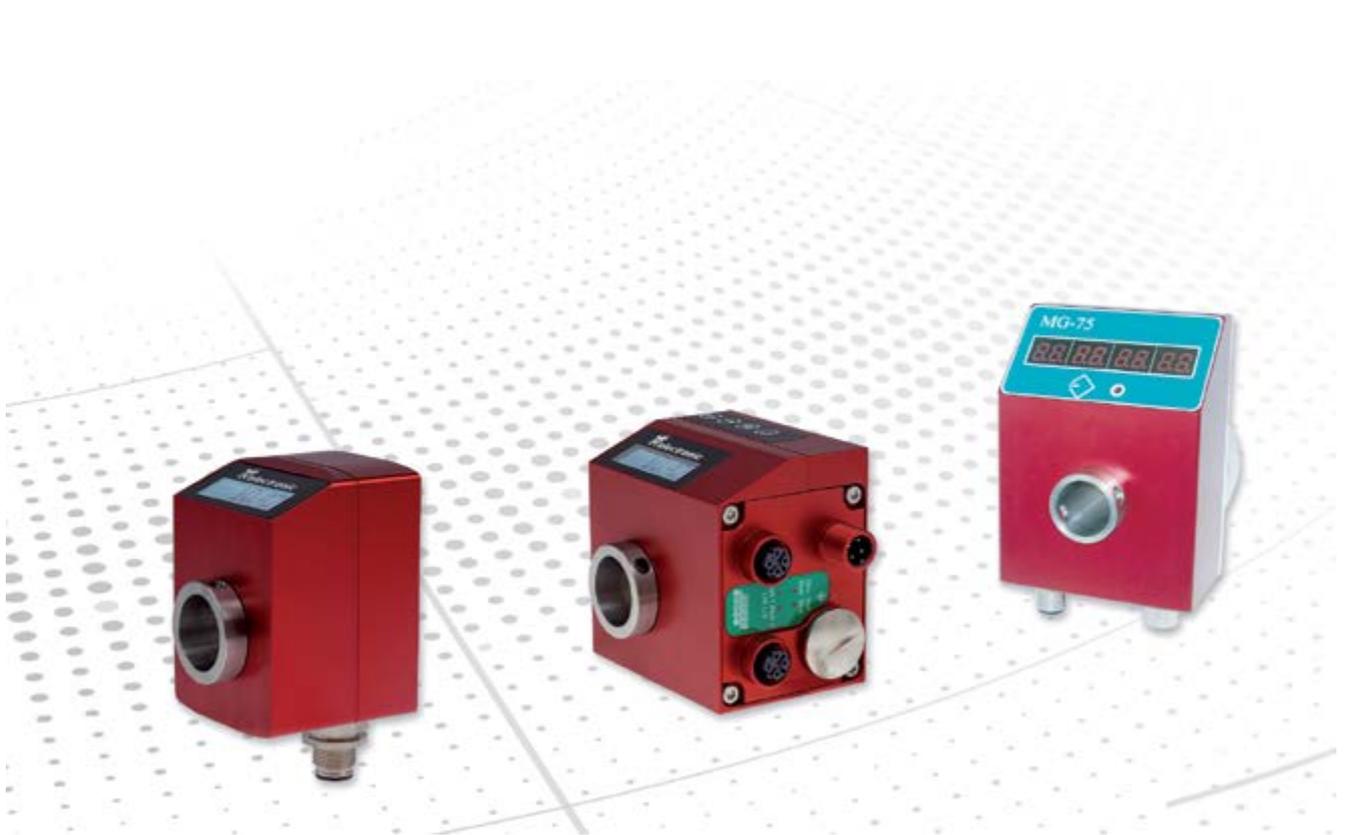


## Encoder - Family M\_\_Display - Position Indicators



### When information is needed directly in the applications

Position indicator encoders MG provide absolute multiturn position information directly where the movement happens. Manual adjustments can be observed with high precision and reliability.

MG48 is available as position indicator encoder, driven by the solid shaft inserted into the encoders hollow shaft. The modern, graphic capable display provides best legibility. Due to flexible programming, the display orientation fits different integration situations. For programming, USB interface is integrated. The mini-USB-connector is protected by a threaded plug.

The bus-version MG48 BUS and MG75 adds the possibility to connect the encoder to a central control. With this feature, all manual adjustments can be documented by the control and even parametrized by sending new target values from the control to the encoder.

Number of steps per turn and number of turns can be programmed with both systems. MG48 BUS communicates via industrial standard bus systems with a master control.

## Magnet detection (M)

Product	MG48	MG48 BUS	MG75
			
<b>Detection</b>	Magnet detection (M)	Magnet detection (M)	Magnet detection (M)
<b>Single / multi</b>	(M) Multi	(M) Multi	(M) Multi
<b>Application</b>	Electronic Position Indicator	Electronic Position Indicator with Industrial Ethernet	Electronic Position Indicator with Control Communication
<b>Supply</b>	11...27VDC	11...27VDC	11...27VDC
<b>Steps per turn</b>	4096	4096	64
<b>Number of turns</b>	4096	4096	65536
<b>Shaft diameters available</b>	20H7	20H7	20H7
<b>Connectors</b>	M12 connector	M12 connector	2 M12 connectors
<b>Ambient temperature</b>	0...+60 °C	0...+60 °C	0...+60 °C
<b>Protection class</b>	IP50	IP50	IP50
<b>Interface</b>		  	<b>ASI</b>
<b>Weblink</b>	<a href="http://www.tr-electronic.com/s/S016505">http://www.tr-electronic.com/s/S016505</a>	<a href="http://www.tr-electronic.com/s/S016505">http://www.tr-electronic.com/s/S016505</a>	
<b>QR-Code</b>			

Can't find the right variant? Please contact us (info@tr-electronic.de)