Encoder - Family M__ Display - Position Indicators



When information is needed directyl 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 programmation, 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)

Detection Magnet detection (M) Magnet detection (M) Magnet detection (M) Multi (M) Mul	Product	MG48	MG48 BUS	MG75
Single / multi		0		O O
Electronic Position Indicator with Indicator with Control Communication	Detection	Magnet detection (M)	Magnet detection (M)	Magnet detection (M)
Supply 1127VDC 1127VDC 1127VDC Steps per turn 4096 4096 64 Number of turns 4096 4096 65536 Shaft diameters available 20H7 20H7 20H7 Connectors M12 connector M12 connector 2 M12 connectors Ambient temperature 0+60 °C 0+60 °C 0+60 °C Protection class IP50 IP50 IP50 Interface Interface Ether/Net/IP ASJ Weblink http://www.tr-electronic.com/s/S016505 http://www.tr-electronic.com/s/S016505 http://www.tr-electronic.com/s/S016505	Single / multi	(M) Multi	(M) Multi	(M) Multi
Steps per turn	Application	Electronic Position Indicator		
Number of turns	Supply	1127VDC	1127VDC	1127VDC
Shaft diameters available 20H7 20H7 Connectors M12 connector M12 connector 2 M12 connectors Ambient temperature 0+60 °C Protection class IP50 IP50 IP50 IP50 Interface ASI Weblink http://www.tr-electronic.com/s/ S016505 M12 connector M12 connector A12 M12 connectors 0+60 °C 0+60 °C 0+60 °C ASI ASI ASI Weblink http://www.tr-electronic.com/s/ S016505	Steps per turn	4096	4096	64
Connectors M12 connector M12 connector 2 M12 connectors Ambient temperature 0+60 °C 0+60 °C 0+60 °C Protection class IP50 IP50 IP50 Interface EtherNet/IP Ethe	Number of turns	4096	4096	65536
Ambient temperature 0+60 °C 0+60 °C Protection class Interface IP50 Interface IP50 Interface IP50 Interface IP50 IP	Shaft diameters available	20H7	20H7	20H7
Protection class Interface Inte	Connectors	M12 connector	M12 connector	2 M12 connectors
Weblink http://www.tr-electronic.com/s/ S016505 http://www.tr-electronic.com/s/ S016505	Ambient temperature	0+60 °C	0+60 °C	0+60 °C
Weblink http://www.tr-electronic.com/s/ S016505 http://www.tr-electronic.com/s/ S016505	Protection class	IP50	IP50	IP50
S016505 S016505	Interface			ASI
QR-Code 7	Weblink		I to the second	
	QR-Code			

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