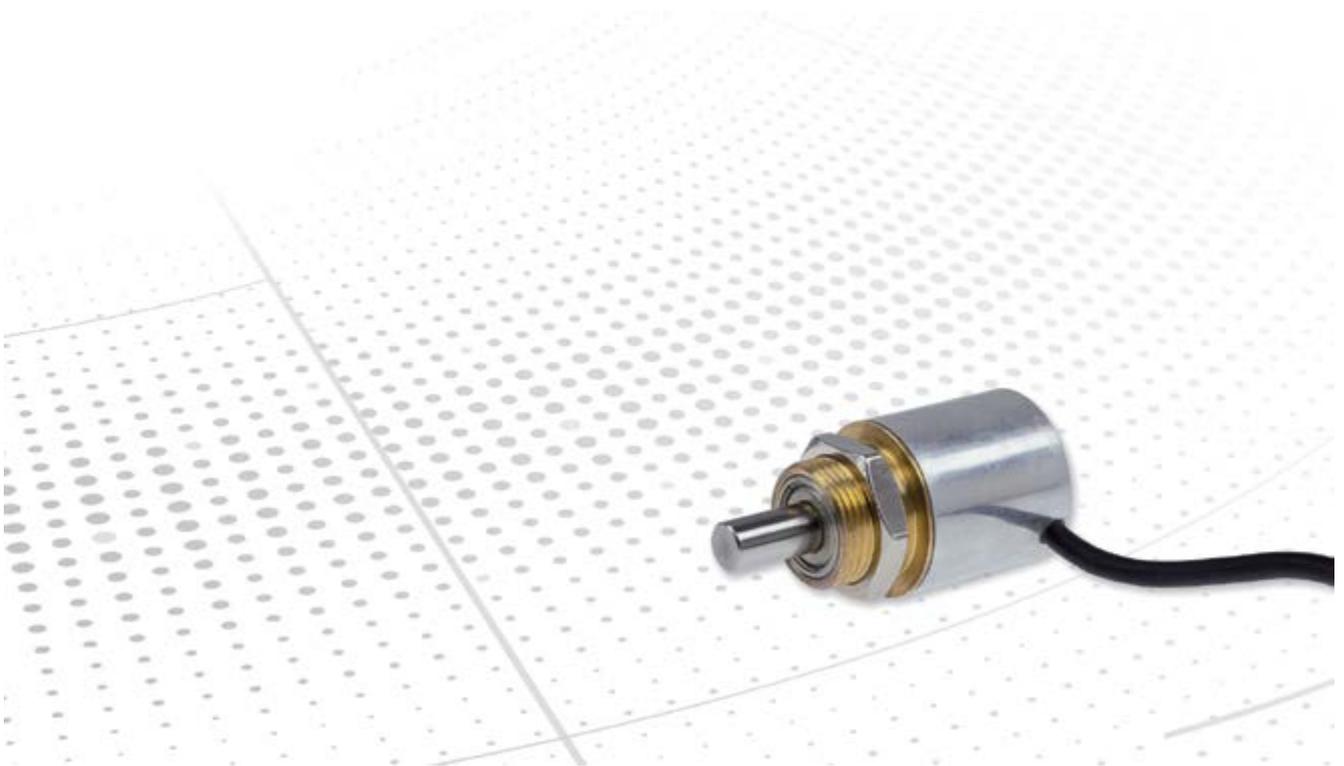


Encoder - Family C__22 - Housing 22 mm



Tiny but an absolutely real encoder!

Within the CMV 22 M we have combined our innovative ideas of rotary encoder technology and the experience gained over the years and placed it into a miniature rotary encoder. With a 22 mm diameter, it is the smallest absolute multi-turn rotary encoder of its kind. Amazingly compact, it can be easily mounted in the most confined machine spaces. The contact-free detection guarantees shock and vibration resistance which combined with its low mass make it perfect for use in demanding environments.

Application

Direct installation into servo drives for wear-free, absolute position detection over several revolutions. The small size of 22 mm enables real multi-turn position measuring without battery back-up in fields such as apparatus construction and medical engineering, where up till now only incremental rotary encoders or multiple-ganged potentiometers were used.

Magnet detection (M)

Products	CMV22M	CMV22M
		
Detection	Magnet detection (M)	Magnet detection (M)
Single / multi	(M) Multi	(M) Multi
Supply	7...26 VDC	14...30 VDC
Steps per turn	4096	4096
Number of turns	265	4096
Precision	$\pm 1,0^\circ$	$\pm 1,0^\circ$
Shaft diameters available	3mm, 6mm, 1/4"	3mm, 6mm, 1/4"
Connectors	Cable outlet radial	Cable outlet radial
Ambient temperature	0...+60 °C	0...+60 °C
Protection class	IP64	IP64
Interface	SSI ASI	Analog
Weblink	www.tr-electronic.com/s/S007235	www.tr-electronic.com/s/S007234
QR-Code		

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