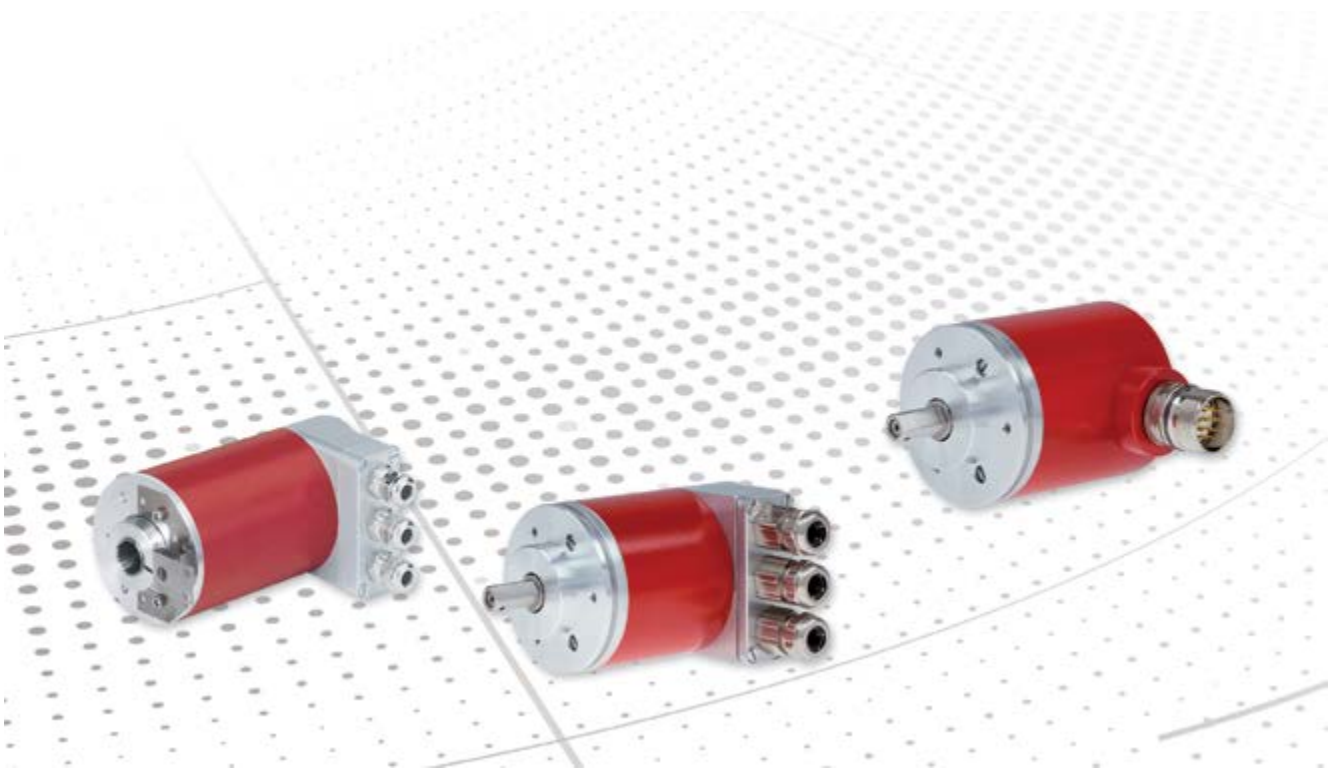


Rotary Encoder - Family C__65 - Housing 65 mm





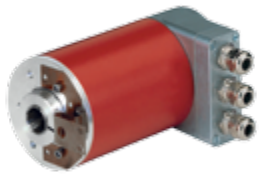






The 65 mm housing with room for more options

Encoders size 65 have been established in the marketplace for some times. Comfortable room for wiring in the rugged fieldbus hood makes them attractive when encoder cabling is done directly on the construction site, e.g. in facility automation and special machines. Even unusual interface combinations are possible directly "out of the box", without special development. Due to changeable shafts and flanges, a vast number of shaft/flange combinations are available in short order.

- _ Size 65 mm
- _ many flange/shaft combinations
- _ ample wiring room for fieldbusses - perfect for special machines and big facilities
- _ User programmable, suited to special applications even in small quantities
- _ Room for customer-specific connection systems
- _ Option: Atex Zone 2/22

Magnet detection (M)






Optical 15 bit (E)

Product	CMV65	CEV65	CES65
			
Detection	Magnet detection (M)	Optical 15 bit (E)	Optical 15 bit (E)
Single / multi	(M) Multi (S) Single	(M) Multi (S) Single	(M) Multi (S) Single
Supply	11...27 VDC	11...27 VDC (A: 18...27VDC)	11...27 VDC (A: 18...27VDC)
Full resolution	<= 23 .. 24 bit	<= 25 ... 33 bit	<= 25 ... 33 bit
Steps per turn	2048 /2096	8192 / 32768	8192 / 32768
Number of turns	4096	32768 / 25600	32768 / 25600
Precision	± 1,0 °	± 1 digit	± 1 digit
Shaft diameters available	6...12mm	6...12mm	8, 10, 12mm
Connectors	Connectors axial or radial *	Cable gland or connector, radial or axial, fieldbus hood radial *	Cable gland or connector, radial or axial, fieldbus hood radial *
Ambient temperature	-20...+70 °C	-20...+70 °C	-20...+70 °C
Protection class	IP65	IP65	IP65
ATEX-zone			
Interface	SSI 	SSI Nocken Analog  ASI CANopen Parallel DeviceNet	SSI  Analog EtherNet/IP Parallel
Option, additional interfaces (on request)		SSI Nocken Analog INC Parallel SIN / COS	SSI Nocken Analog INC Parallel SIN / COS
Weblink	www.tr-electronic.com/s/S007147	www.tr-electronic.com/s/S007148	www.tr-electronic.com/s/S007149
QR-Code			

* depending on the interface

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

Optical 18 bit (O) Optical 15 bit (E)

Product	COV65	AEV65
		
Detection	Optical 18 bit (O)	Optical 15 bit (E)
Single / multi	(M) Multi (S) Single	(M) Multi (S) Single
Supply	11...27 VDC (A: 18...27VDC)	11...27 VDC (A: 18...27VDC)
Full resolution	<= 36 bit	<= 33 bit
Steps per turn	262144	32768
Number of turns	25600	25600
Precision	± 1 digit	± 1 digit
Shaft diameters available	6...12mm	6...12mm
Connectors	Cable gland or connector, radial or axial, fieldbus hood radial *	Connectors axial or radial *
Ambient temperature	-20...+70 °C	-20...+60 °C
Protection class	IP65	IP64
ATEX-zone		2/22
Interface	SSI  ASI	SSI Analog
Option, additional interfaces (on request)	SSI ASI	
Weblink	www.tr-electronic.com/s/S007150	www.tr-electronic.com/s/S007151
QR-Code		

* depending on the interface

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