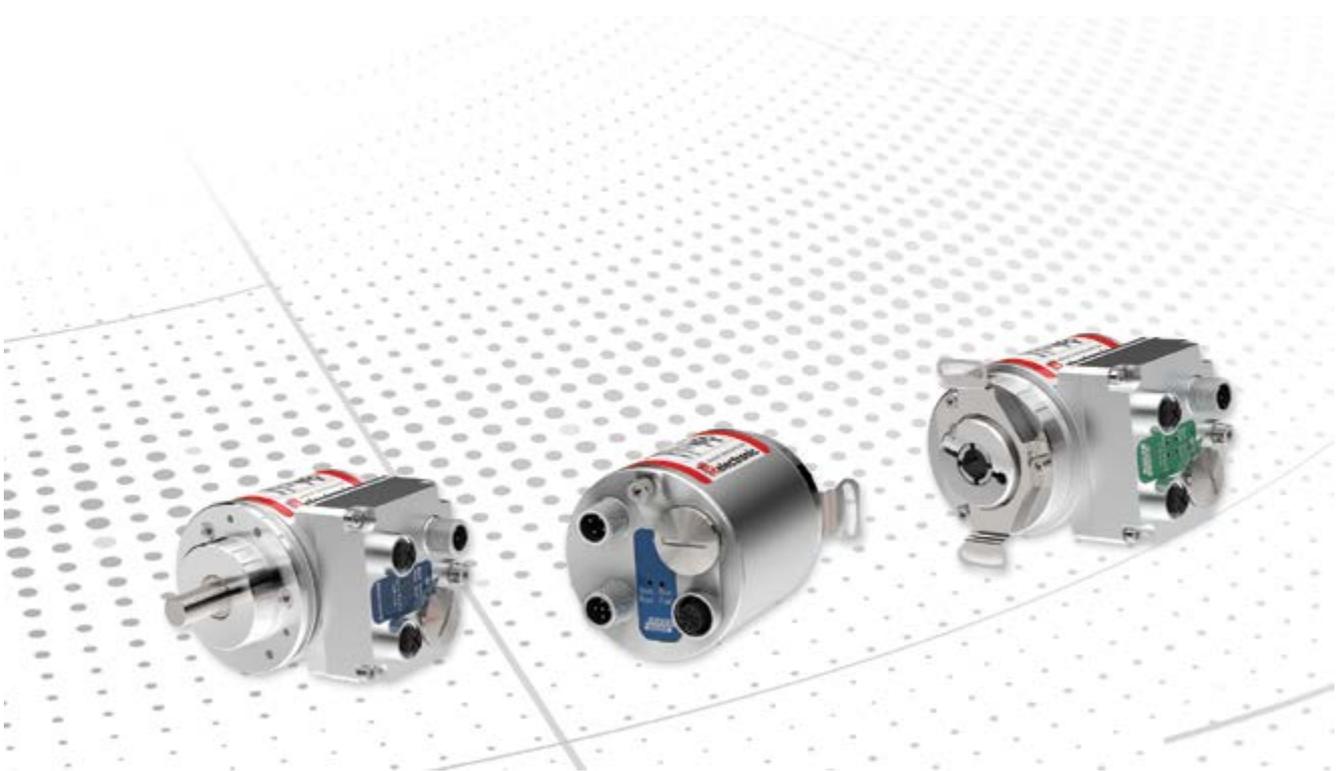


Absolute Rotary Encoders - Family C__58 - Housing 58 mm



58 mm housing for standard industrial applications

Encoders with size 58 mm have been established as the industrial standard for absolute and incremental encoders. With TR-Electronic, you get as a standard what is special with other manufacturers. Absolute encoders of Series 58 are modular. Your demands can be realized precisely and in most cases without any special development.

- _ Industrial standard size 58 mm
- _ Cost optimized by different resolution ranges
- _ Compatible with a vast number of control systems
- _ Shaft-, flange - and assembly versions
- _ Same mechanics - plenty of interfaces
- _ Compact Connector System - perfect for machines produced in series
- _ Can be adapted to singular applications via parametrization done by user
- _ Available with customer-specific connector systems
- _ UL approval for most types

Magnet detection (M)

Product	CMV582 	CMS582 
Detection	Magnet detection (M)	Magnet detection (M)
Single / multi	(M) Multi (S) single	(M) Multi (S) single
Supply	11...27 VDC*	11...27 VDC*
Full resolution	<= 25 bit *	<= 25 bit *
Steps per turn	<= 8192 *	<= 8192 *
Number of turns	<= 4096 *	<= 4096 *
Precision	± 0,5 °	± 0,5 °
Shaft diameters available	6, 8, 10, 12, 14, 1/4", 3/8", 1/2"	6, 8, 10, 12, 14, 15, 1/4", 3/8", 1/2"
Connectors	Connector axial or radial *	Connector axial or radial *
Ambient temperature	-20...+75 °C	-20...+75 °C
Protection class	IP65	IP65
ATEX-zone	Option 2/22	Option 2/22
Interface	           	           
Option, additional interfaces (on request)	SSI	SSI
Weblink	www.tr-electronic.com/s/S013306	www.tr-electronic.com/s/S013307
QR-Code		

* depending on the interface

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

Optical 15 bit (E)

Product	CEV582	CEH582	CES582	
				
Detection	Optical 15 bit (E)	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*	11...27 VDC*	
Full resolution	<= 33 bit *	<= 33 bit *	<= 33 bit *	
Steps per turn	<= 32768 *	<= 32768 *	<= 32768 *	
Number of turns	<= 256000 *	<= 256000 *	<= 256000 *	
Precision	± 1 digit	± 1 digit	± 1 digit	
Shaft diameters available	6, 8, 10, 12, 14, 1/4", 3/8", 1/2"	6, 8, 10, 12, 14, 15, 1/4", 3/8", 1/2"	6, 8, 10, 12, 14, 15, 1/4", 3/8", 1/2"	
Connectors	Connector axial or radial *	Connector radial	Connector axial or radial *	
Ambient temperature	-20...+75 °C	-20...+75 °C	-20...+75 °C	
Protection class	IP65	IP54, option 65	IP65	
ATEX-zone	Option 2/22	Option 2/22	Option 2/22	
Interface	           	           	           	
Option, additional interfaces (on request)	SSI INC	SSI INC	SSI INC	
Weblink	www.tr-electronic.com/s/S013308	www.tr-electronic.com/s/S013312	www.tr-electronic.com/s/S013313	
QR-Code				

* depending on the interface

Optical 18 bit (O)

COV582	COH582	COS582
Optical 18 bit (O)	Optical 18 bit (O)	Optical 18 bit (O)
(M) Multi (S) single	(M) Multi (S) single	(M) Multi (S) single
11...27 VDC *	11...27 VDC *	11...27 VDC *
<= 36 bit *	<= 36 bit *	<= 36 bit *
<= 262144 *	<= 262144 *	<= 262144 *
<= 262144 *	<= 262144 *	<= 262144 *
± 1 digit	± 1 digit	± 1 digit
6, 8, 10, 12, 14, 1/4", 3/8", 1/2"	6, 8, 10, 12, 14, 15, 1/4", 3/8", 1/2"	6, 8, 10, 12, 14, 15, 1/4", 3/8", 1/2"
Connector axial or radial *	Connector radial	Connector axial or radial *
-20...+75 °C	-20...+75 °C	-20...+75 °C
IP65	IP54, option 65	IP65
Option 2/22	Option 2/22	Option 2/22
 Analog 	 Analog 	 Analog
SSI INC	SSI INC	SSI INC
www.tr-electronic.com/s/S013314	www.tr-electronic.com/s/S013315	www.tr-electronic.com/s/S013316

* depending on the interface

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