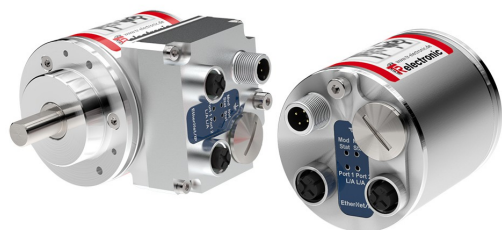


Absolute-Encoder CMV582 - EtherNet/IP

[Click Here](#) for Quick Delivery Stock Options



Ref.: K-CMV58_2-EIP-1

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Advantages

- _ Customer-specific solutions
- _ Device Level Ring, DLR
- _ Diagnostics
- _ Firmware update via TCP
- _ Fractions for gear factor
- _ Preset "on the fly"
- _ Salt-resistant
- _ Speed

General Data

Nominal voltage	
- Specific value	24 VDC
- Limit values, min/max	10/30 VDC
Nominal current, typically	
- Specific value	90 mA
- Condition	unloaded
Supply	
- In case of UL / CSA approval	according to NEC Class 2
Device design	
- Type	Single-/Multi-Turn
Total resolution	<= 31 Bit
Number of steps per revolution	<= 8192
Number of revolutions	<= 256000
Accuracy	± 0.5 °
EtherNet/IP™ - Interface	
- EtherNet/IP™	IEC 61784-1 CP 2/2, IEC 61158
- Physical Layer	Fast Ethernet, ISO/IEC 8802-3
- Device profile	Encoder Device Profile 0x22
Transmission rate	
- Specific value	100 MBit/s
Parameter/Function, changeable	Resolution
	Limit switch

Subject to change.

Absolute-Encoder CMV582 - EtherNet/IP

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General Data continuation

	Adjustment - Parameter
	Scaling parameter
	Counting direction
	Velocity parameter
Type of parametrization	programmable
Programming - Tool	Fieldbus-Device
Maximum Speed, mechanically	≤ 12000 1/min
Shaft load, axial/radial	≤ 50 N, ≤ 100 N
Bearing life time	$\geq 3.9E+10$ revolutions
Bearing life time - Parameter - Speed	6000 1/min
- Operating temperature	60 °C
- Shaft load, axial/radial	= 60 %
Point of origin, shaft load	Mounting flange + 10 mm
Shaft type	
- Shaft diameter [mm]	6
- Shaft diameter [mm]	8
- Shaft diameter [mm]	10
- Shaft diameter [mm]	12
- Shaft diameter ["]	1/4
- Shaft diameter ["]	3/8
- Shaft diameter ["]	1/2
Angular acceleration	$\leq 10E+4$ rad/s ²
Moment of inertia, typically	1.3E-6 kg m ²
Start-up torque, 20 °C	2 Ncm
Mass, typically	0.3 kg

Environmental conditions

Vibration	DIN EN 60068-2-6
- Specific value	≤ 100 m/s ²
- Sine	50...2000 Hz
Shock	DIN EN 60068-2-27
- Specific value	≤ 1000 m/s ²
- Half sine	11 ms
Immunity to disturbance	DIN EN 61000-6-2

Subject to change.

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Environmental conditions continuation

Transient emissions	DIN EN 61000-6-3
Working temperature	
- Standard	-20...+75 °C
- Optional	-40...+75 °C;
Storage temperature, dry	-30...+85 °C
Relative humidity	98 %, non condensing
Protection class	
- Standard	IP65
Resistance	
- against salt (seawater)	DIN EN IEC 60068-2-52
- Test method	Test method 1
- excluded are	Attachment parts

Subject to change.

Absolute-Encoder CMV582 - EtherNet/IP

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Quick Delivery Stock Options (Click Article Number for Data Sheet)

Article Number	Mounting Flange	Shaft	Connector Orientation
<u>CMV582M-00003</u>	36mm Pilot	10x19.5mm w/Flat	Axial
<u>CMV582M-00004</u>	36mm Pilot	10x19.5mm w/Flat	Radial

Subject to change.