

Your Global Automation Partner

TURCK

EQR24

Contactless Encoder in Stainless Steel



EQR24 for Harshest Environments

For operation in applications with particular requirements for cleaning or for extreme environmental conditions, such as in the food and beverage or heavy industry, Turck offers robust stainless steel variants of the contactless, inductive encoder series QR24. The EQR24 series consists of models with SSI, incremental, IO-Link, CANopen and analog output.

With the V4A stainless steel housing (1.4404) and the active surface made of PA12-GF30 plastic, the device withstands even aggressive chemicals and high pressures in the cleaning process.

As with other QR24 models, the sensor and the positioning element of the encoder are fully potted and designed as two independent and fully sealed units that can withstand vibration or shocks on the shaft. Wear out problems of ball bearings or seals, that lead to machine downtimes or long maintenance times are not required.

Thanks to its intelligent mounting concept using adapter rings, the permanently sealed IP68/IP69K encoders can be fitted on all standard shafts with diameters up to 20 millimeters.

Your Benefits

- Permanently wear-free through contactless measuring principle
- Versatile portfolio with SSI, incremental, IO-Link, CANopen and analog output
- Reliable operation, since the device tolerates vibration and offsets of the shaft
- Versatile mounting options
- Works reliably in harsh and aggressive environments

Contactless Encoder in Stainless Steel



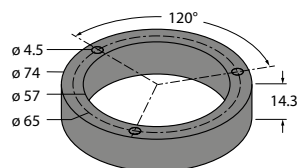
Product highlights

- Robust and permanently leak proof in IP67/IP69K
- Active face, plastic PA12-GF30
- Housing, stainless steel V4A (1.4404)
- Status displayed via LED
- Easy to parameterize for perfect adaptation to the application
- Male connector, M12 x 1

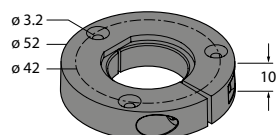
Version	Type code	ID number
IO-Link	RI360P0-EQR24M0-IOLX2-H1141	1590978
SSI	RI360P0-EQR24M0-HESG25X3-H1181	1590911
Incremental	RI360P0-EQR24M0-INCRX2-H1181	1590912
Analog	RI360P0-EQR24M0-ELIU5X2-H1151	1590977
CANopen	RI360P0-EQR24M0-CNX4-2H1150	on request

Accessories

	Type code	ID number	Description
Protecting ring	M5-QR24	1590965	Plastic protecting ring, outer diameter: 74 mm



Positioning element with stainless steel fitting (without reducing sleeve)	PE1-EQR24	1590966	Base unit for positioning element, Stainless steel fitting
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	Type code	ID number	Description
Stainless-steel reducing sleeves for connecting to shafts of various diameters	RA1-EQR24	1593019	For connecting to Ø 20 mm shafts
	RA3-EQR24	1593020	For connecting to Ø 12 mm shafts
	RA4-EQR24	1593023	For connecting to Ø 10 mm shafts

