sensors rotary linear

Incremental Encoder

with a housing of 58 mm, an ideal form for small spaces

Conline Gerät Firmware-Datum Baudrate	Issischeittetelle Int Per rev	2 number ammable 36000 volution!
Hole Istwerte	J⊮ Parameterliste ok	0:09 Online!

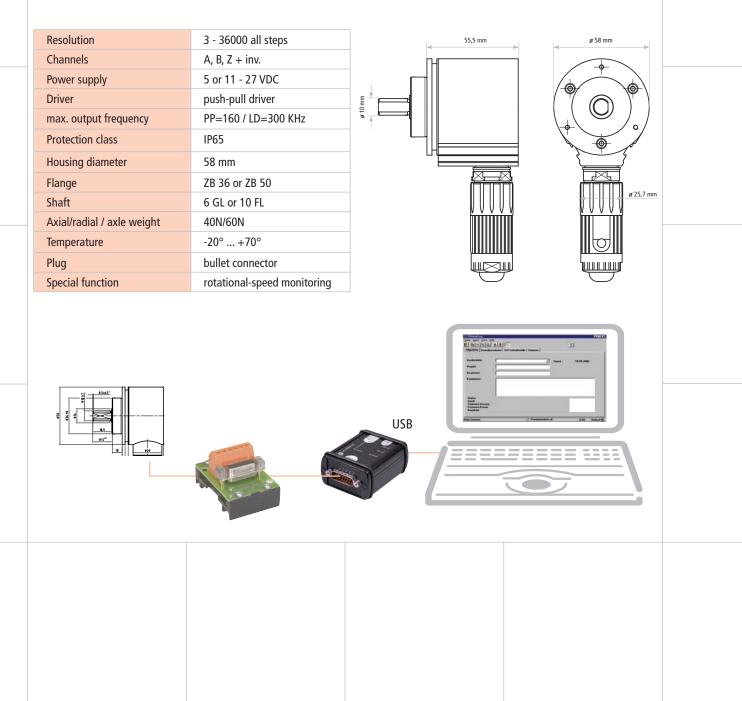


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Progammable, with rotational-speed monitoring Incremental Encoder IOV 58 and IOH 58

In automation technology, incremental encoders are often used due to their simple and inexpensive structure. The physical resolution of the disk is determined by the resolution of the optical incremental encoder. There are usually more than just one resolution used within the plants. In case of a replacement, it is quite important to receive as quickly as possible a new encoder with the according resolution.

Throughout the years we made it our goal, to individually and fast realize your wishes. Due to our experience of many years, we developed an incremental encoder for you that realizes with a solid shaft or hollow shaft an arbitrary resolution between 2 and 36 000 steps/revolution. Besides the industrial standards of flange/shaft combinations we additionally offer a growing selection of special measurements such as inch for the US market.



Accessori	es					
	PC adapter USB The USB adapter connects the encoder programming interfaces with the PC via USB interface, with galvanic isolation (TR no. 490-00310). We recommend using the USB adapter with on of our equipment cabinet modules.					
	Pulse divider for incremental encoders IT10 With an adjustable partial ratio, two incremental outputs will be converted and displayed. The original signal is available for further processing at a third output interface.					
	Equipment cabinet module This is a tool for a clear encoder wiring. Correct grounding of the signal line as well as a simple coupling of our programmable adapter. Equipment cabinet module 15/2 (K1, K1, K2; K2, K0, K0 + programmable line) TR no. 490-00105 Equipment cabinet module 6/1 (only programmable lines) TR no. 490-00101					
	TRWinProg Our programming tool TRWinProg is open for requirements of all intelligent sensor systems of TR. Besides the IOV 58 / IOH 58, all other encoders of our new generation can be programmed.					
Programm	ing of the IOV 58 / IOH 58					
Resolution	Number of periods per revolution, from 2 to 36000 Each period: signal between one and the other positive flank					
-						
	The desired resolution of the IOV 58 / IOV 58 is directly programmable over TRWinProg.					
Direction of	rotation It will be determined, if the positive flank of K1 comes before the positive flank of K2 (rotation of the shaft is clockwise). An exchange of the line within the cable of K1 with K2 will be the same.					
	K1					
	K1 before K2 K1 before K2					
K0 preset	The position of the zero pulse K0 within the rotation will be set through the software. Therefore, the complex and mechanical adjustment of the encoder zero impulse onto the reference position of the machine does not apply.					
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	sensors	motion	systems	controls
Relectronic	Winkelmesstechnik Wegmesstechnik Applikationsmodule	Kompaktantriebe		
Rsystems		Integrierte Regler für die Hydraulik Achsregler	Feldbus-E/A Industrie PC Condition Monitoring	Speicher- programmierbare Steuerungen Cam Controller
Unidor TRSystems gmbh	Sensoren zum Stanzen und Umformen		Mess- und Steuersysteme zum Stanzen und Umformen	Prozessoptimierungs- und Überwachungs- Tools

TR-Electronic GmbH

Eglishalde 6 78647 Trossingen Tel.: +49 (0) 7425 - 228 0 Fax: +49 (0) 7425 - 228 33 info@tr-electronic.de

TRsystems GmbH

Eglishalde 16 78647 Trossingen Tel.: +49 (0) 7425 - 228 0 Fax: +49 (0) 7425 - 228 34 info@trsystems.de

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