

## Groundbreaking array of interfaces for absolute rotary encoders Now complete: 5 x Industrial Ethernet in the 58 family

Absolute rotary encoders in size 58 are now also available with Ethernet Powerlink. You can now get these compact multiturn rotary encoders with the five most common Industrial Ethernet variants: PROFINET, Ethernet/IP, EtherCAT, Sercos and Powerlink. TR-Electronic is at the forefront again, when it comes to supporting your communication networks and controller families. With modern Industrial Ethernet systems, the rotary encoders deliver the necessary actual values so quickly that even axis control over the network is not a problem. The speed requirements of the respective control systems are fully met.

With solid shaft and blind shaft, the 58 mm series can be adapted to different machine configurations. In addition to the usual synchronous and clamping flange configurations, different versions are available as standard. TR-Electronic can also provide suitable shaft and flange combinations in inch-based dimensions for the US market without problem; UL listing is optionally possible. In the CEV58 and CES58 the resolution per revolution is 32768 steps (15 bits), and 256000 revolutions are detected without batteries or counters. The COV58 and COS58 offer a higher resolution, with up to 262144 steps per revolution (18 bits). The output resolution in the Powerlink network can be parameterized with adjustment to the respective application. The M12 plugs are axially arranged, so that the connector cables do not protrude beyond the flange diameter of 58 mm. Two bus connections with an integrated hub support the direct linking of Powerlink nodes in a line topology; just like the customary wiring in the field. Further products from TR-Electronic with Powerlink are non-contact and wear-free linear measuring systems, which e.g. can be integrated directly into hydraulic cylinders in a flameproof design or can be mounted in or on machinery, thanks to their profiled housing.



CEV58M Powerlink by TR-Electronic  
C\_V58\_Ethernet\_Powerlink\_bearb-2014.jpg



5 x Industrial Ethernet in the 58 family  
CEV58M\_EPL\_alle\_5\_Varianten\_mit\_Logos.jpg



5 x Industrial Ethernet in the 58 family  
CEV58M\_EPL\_alle\_5\_Varianten\_ohne\_Hintergrund.jpg

All our products with Powerlink in our Selector  
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