

High-Resolution Profinet Absolute Encoders

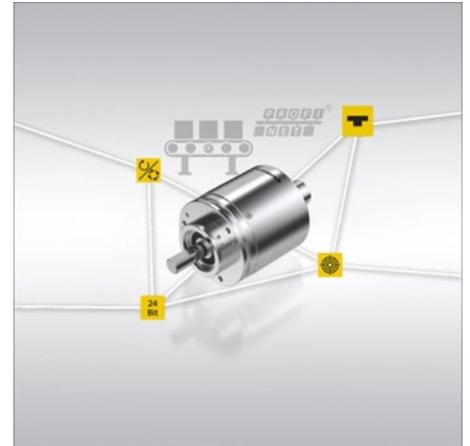
Turck offers versatile Profinet absolute encoders for precise positioning and fast data transmission

Mülheim, September 7, 2023 – Turck is expanding its encoder portfolio to include encoders with a Profinet interface for real-time applications, particularly in the logistics, food & beverage and machine building sectors. The REM (multiturn) and RES (single-turn) series encoders rely on the latest Profinet encoder profile (version 4.2) and offer 19-bit resolutions for the single-turn devices and resolutions of up to 24 bits for the multiturn devices. All encoders support Profinet features such as the Media Redundancy Protocol (MRP), Link Layer Discovery Protocol (LLDP) and Simple Network Management Protocol (SNMP).

The encoders ensure precise and virtually delay-free communication even in highly dynamic applications, thanks to the isochronous real-time mode (IRT) and minimum clock cycles of up to 250 microseconds. Their exceptional precision means that the encoders enable highly accurate positioning and speed control, as required for example for multi-axis positioning.

The Profinet encoders are available in solid or hollow shaft variants and offer a wide range of configuration options. With different shaft diameters and flange types, they can be optimally matched to the specific requirements of each application. Easy integration into Profinet networks enables fast commissioning and configuration.

PRESS RELEASE 12/23



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Fast and precise: Turck's REM and RES series absolute encoders feature the latest Profinet encoder profile 4.2

FURTHER INFORMATION

https://www.turck.de/en/product-news-2860_highresolution-profinet-absolute-encoders-46810.php

PRESS CONTACT

Klaus Albers
Director Marketing Services & Public Relations
Phone: +49 208 4952-149
Mail: klaus.albers@turck.com
Web: www.turck.com/press

CONTACT

Hans Turck GmbH & Co. KG
Witzlebenstraße 7
45472 Mülheim an der Ruhr, Germany
Mail: more@turck.com
Web: www.turck.com

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