

Torque recorder DM 1

pre-assembled incl. TEDS module

ATORN®

Application

The electric torque recorders in the DM1 model series are ideal for measuring static reaction torque.

Version

- Robust design with standard square connection
- Incl. TEDS module (electronically stored data sheet)
- Pre-assembled with 3-m cables and connector configuration according to ATORN display unit ZD3
- Incl. factory calibration certificate

Advantage

- Force sensor is automatically detected by the ATORN display unit ZD3
- All relevant data is loaded from the TEDS module into the ATORN display unit ZD3, thus no additional settings are required on the display unit
- If replacement is required, the measuring instrument does not need to be sent in
- Ideal for permanent installation due to the high rigidity and accuracy
- Torque absorption on both sides, for e.g. torque tests (load/relief)

Delivery

Torque recorder with 3-m connection cable and measuring instrument plug, factory calibration certificate



Art. no.	44181 645
Model	DM1
Tip size	3/8 inch
Design	TEDS module integrated
Outer diameter	30 mm
DIN	50100
Total height	71 mm
Min./max. torque measuring range	0-50 Nm
Min./max. nominal range of the supply voltage	5-10 V
Rated output	1 mV
Zero signal when mounted	0.01 mV
Relative linearity deviation	≤± 0.02 %
Relative span in unchanged installation position	≤± 0.02 %
Cable length	3 m
IP protection class	IP 64
Max. supply voltage	15 V
Material	Steel, stainless

EAN-Code

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