

## 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



<b>Art. no.</b>	<b>44181 650</b>
<b>Model</b>	DM1
<b>Tip size</b>	1/2 inch
<b>Design</b>	TEDS module integrated
<b>Outer diameter</b>	30 mm
<b>DIN</b>	50100
<b>Total height</b>	76 mm
<b>Min./max. torque measuring range</b>	0-100 Nm
<b>Min./max. nominal range of the supply voltage</b>	5-10 V
<b>Rated output</b>	1 mV
<b>Zero signal when mounted</b>	0.01 mV
<b>Relative linearity deviation</b>	≤± 0.02 %
<b>Relative span in unchanged installation position</b>	≤± 0.02 %
<b>Cable length</b>	3 m
<b>IP protection class</b>	IP 64
<b>Max. supply voltage</b>	15 V
<b>Material</b>	Steel, stainless

### EAN-Code

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