

## Tensioning and compressive force recorder ZD1

pre-assembled incl. TEDS module

**ATORN**<sup>®</sup>

### Application

Electric force sensors in the ZD1 model series are suitable for static and slightly dynamic compressive and tensile force measurements.

### Version

- Robust design
- 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

### Delivery

Force sensor with 3-m connection cable and measuring instrument plug, factory calibration certificate



<b>Art. no.</b>	<b>44181 545</b>
<b>Model</b>	ZD1
<b>Type</b>	standard
<b>Design</b>	TEDS module integrated
<b>Min./max. force of measuring range</b>	0-20000 N
<b>Height</b>	72 mm
<b>Width</b>	25 mm
<b>Depth</b>	70 mm
<b>Fastening thread</b>	M16
<b>Sensitivity of force sensor</b>	2 mV/V
<b>Max. supply voltage</b>	10 V
<b>Zero signal when mounted</b>	0.02 mV
<b>Min./max. nominal range of the supply voltage</b>	5-10 V
<b>Construction size</b>	2
<b>Rated output</b>	2 mV
<b>DIN</b>	50100
<b>Material</b>	Aluminium, steel
<b>IP protection class</b>	IP 60/IP 65
<b>Cable length</b>	3 m

### EAN-Code

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