

Tensioning and compressive force recorder ZD1

pre-assembled incl. TEDS module

ATORN[®]

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



Art. no.	44181 510
Model	ZD1
Type	standard
Design	TEDS module integrated
Min./max. force of measuring range	0-100 N
Height	52 mm
Width	22 mm
Depth	54 mm
Fastening thread	M6
Sensitivity of force sensor	2 mV/V
Max. supply voltage	10 V
Zero signal when mounted	0.02 mV
Min./max. nominal range of the supply voltage	5-10 V
Construction size	1
Rated output	2 mV
DIN	50100
Material	Aluminium / aluminium
IP protection class	IP 60/IP 65
Cable length	3 m

EAN-Code

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