

ATORN compression force recorder D1

pre-assembled incl. TEDS module

ATORN[®]

Application

Electric force sensors in the D1 model series are space-saving and their low height also makes them suitable for small installation spaces.

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 550
Model	D1
Design	TEDS module integrated
Min./max. force of measuring range	0-1 kN
Outer diameter	50 mm
Height of force transducers until piston	23 mm
Piston diameter	13 mm
Protruding piston height	7 mm
Fastening thread	M5
Sensitivity of force sensor	2 mV/V
Max. supply voltage	15 V
Min./max. nominal range of the supply voltage	5-10 V
Rated output	2 mV
Zero signal when mounted	0.02 mV
Relative characteristic value deviation	$\leq \pm 0.1 \%$
Relative linearity deviation	$\leq \pm 0.06 \%$
Relative span in unchanged installation position	$\leq \pm 0.02 \%$
Composed error	$\leq \pm 0.1 \%$
Material	Steel, stainless
IP protection class	IP 67
Cable length	3 m

EAN-Code

4050293715323