

Compression force recorder LPX

Model LPX for compressive force sensing

METRON[®]

Application:

For compressive force sensing, e.g. on test stands, for monitoring and controlling manufacturing processes in combination with measuring and display units, e.g. MMV 22 or MEC-9163

Execution:

- Measurement ranges from 25 kg (250 N) to 50,000 kg (500 KN)
- Steel measuring body, nickel-plated
- Cable length 3 m without connector (unconnected wires)
- 4-conductor technology (input: + red, - black, output: + green, - white)
- Four fixing threads on housing floor
- IP67 degree of protection

Advantage:

- High reproducible accuracy: 0.07% of nominal value



Art. no.	44506 002
Brand	METRON
Manufacturer Part Number	LPX 250 N
Min./max. force of measuring range	0-250 N
Outer diameter	52 mm
Overall height of force sensor	22 mm
Piston diameter	10 mm
Protruding piston height	4 mm
Fastening thread	4 x M5
Overload limit	1.5 x measurement range FN
Sensitivity of force sensor	2 mV/V
Error limit, based on end value	0.3%
Min. supply voltage	5 V/AC
Max. supply voltage	20 V/AC
Min./max. supply voltage	5-20 V/AC
Cable length	3 m
Gross Weight	0.179 kg
Product Group	447