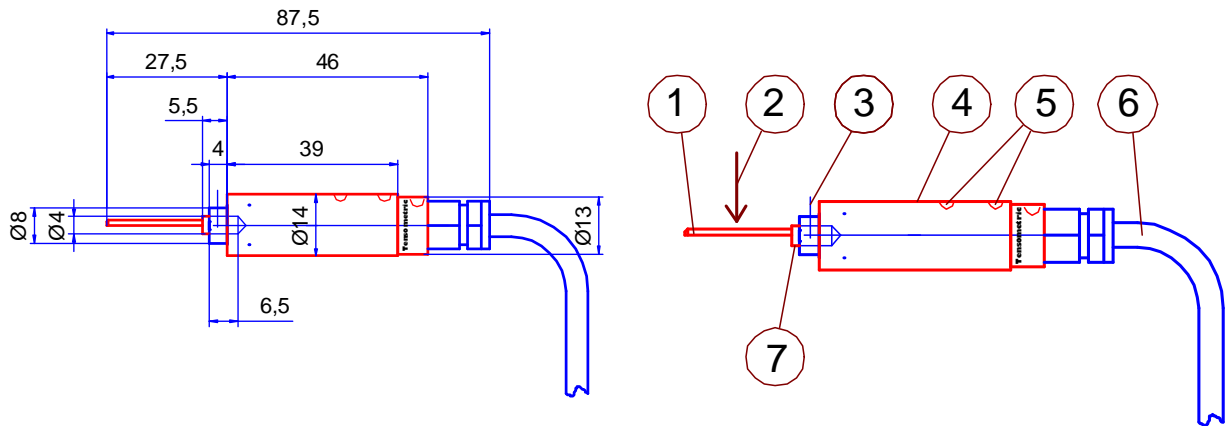


Technical data *Radial Force Sensor Series M 1192-A*

Dimensions Radial Force Sensor Series M 1192-A:



- 1 = Measuring spike, replaceable against roller
- 2 = Load in measuring direction
- 3 = Screw, for fixing the measuring sensor
- 4 = Mounting range
- 5 = Red marks
- 6 = Connection cable
- 7 = fastener for measuring spike

Type M 1192-A is a radial-force sensor without amplifier.
For transformation the low measuring-voltage into a norm-signal, it needs an external amplifier.

These Tensometric amplifiers are suitable :

KMV 10, MV 10	(without display)
SA DMS 610, SA DMS 310	(with display)

Nominal loads: 2 N, 3 N, 4 N, 5 N, 6 N, 10 N others on request

Overload protection: > 10 times the nominal load

Protection: IP 50

Measuring sensor: The measuring spike is interchangeable. The sensor can also be supplied with a deflection roller. Other measuring spikes or other measuring rollers on request.

Material: (tube) housing : stainless steel Measuring sensor holder : aluminium alloy

Electrical connection: shielded, fixed cable - standard length 3 m

Mounting: Mounting into a hole Ø 14 mm, locking by means of screw-pressure on the tube

Measuring principle:	strain-gage, full-bridge	Resistance input:	350 Ohm
Measuring range:	1 % up to min. 115%	Resistance output:	350 Ohm
Charact. Value:	1,5 mV / V	Error in measurement:	< ± 03 %
Charact. value tolerance:	< ± 0,2 %	max. error in line:	< ± 0,2 %
Charact. range of temp.:	+ 5°C ...+ 60°C	Reference- voltage:	10 V
Coef. of temperature:	< ± 0,02% / °C	Max. service- voltage:	10 V

Volume of delivery: Instruction manual with calculation tabular
Sensor without measuring roller, fixed cable 3 m long

Accessories available: amplifier with or without display
measuring roller, special design