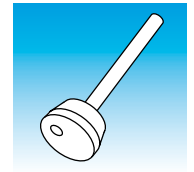


Product Key

Strain Probes DSRH



The correct order code must be taken from the corresponding data sheet.

DSRH U16-0400M/ST

Product Description

DS = Strain sensor

Method

R = Resistive

Series

H = Series H (Strain probes)

Type

- I** = With integrated amplifier, output signal 4 - 20 mA
- P** = Passive sensor, without amplifier, cable 5m without connector (2 x 1/4 S/G bridge, k = 2,00)
- U** = With integrated amplifier, output signal 0 - 10 V

Nominal Size (mm) (tip diameter)

- 12** = 12 mm
- 16** = 16 mm
- 20** = 20 mm

Measurement Depth (mm)

- Example
- 0400** = 400 mm
 - 1930** = 1930 mm

Metric

M = Metric

Option

- /ST** = Sensor tip of steel
- /CN** = 6 pin cable connector installed (only for type P)
- /CL10** = cable length 10 m (only for type P)

Combinations are possible: example **CL10CN**

Note the following important points

When applying the strain probe:

- The strain probes are not suitable for static applications. Reset measuring chain before each cycle.
- The sensor tip is equipped with two exactly diametrically opposed strain gages.
- Excessive removal and installation can damage the tip. Under normal circumstances this does not compromise the measurement accuracy as long as the gages remain properly aligned. When the probe is installed and removed on a regular basis, the resilient steel tip option is recommended. The surface of the bore does not have to be very smooth but it should be free of grooves and must be clean.