

TWINLOK MEASURING NIPPLE

**with accessories
for temperature,
pressure and
flow measurement**



Description

The principle of the Twinlok measuring nipple is to provide a self-sealing measuring point in pipes with liquid or gaseous media so that pressure and temperature can be measured inside the pipe.

It replaces the old method of a permanently installed device in a pipe and can now be used as an alternative for temperature and pressure measuring devices.

Application

The working speed is probably the greatest advantage of the measuring nipple.

To connect a manometer and an adapter, all you have to do is to remove the cap and insert the sensor through the measuring nipple so that the pressure can be read off immediately.

After the measurement, the measuring device is removed from the measuring nipple and the cap screwed on again to seal the pipe again.

Temperature measurements are made in the same way.

Features

- Body and removable dust cap made of brass (suitable for drinking water)
- Cores made of black EPDM
- Cores fitted with silicone oil
- Sealing rubber in removable cap made of black EPDM 45(±5)° Shore
- Retaining strap made of black TPE 35° Shore D
- Connecting male thread 1/4" BSPT
- Male thread to connect probes and female thread of dust cap 3/8" x 24 UHF

Pressure/Temperature ranges

- at temperature -10° C up to +135° C
- at pressure up max. 35 bar (max. 500 psi)

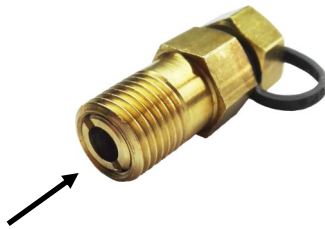
Note

The use of silicone oil as a lubricant is recommended to avoid damage to the internal cores when inserting the probe.

Mounting instructions

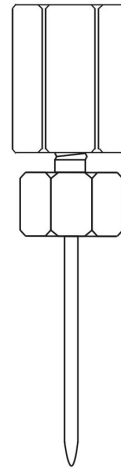


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Before installation!

- Guide bushing must be screwed in at least flush
- Check tight fit with a screwdriver



Type 1384 Adapter
for Twinlok measuring nipple

Connection G 1/4 female for gauge

Type 4310

Test pressure gauge

for Twinlok measuring nipple

Accuracy class 1,0

Connection G1/4 bottom, brass

Type 1385

Bimetal pointer thermometer

NG 27

for Twinlok measuring nipple

with piercing needle

Measuring ranges -10...+100°C

Type 1386

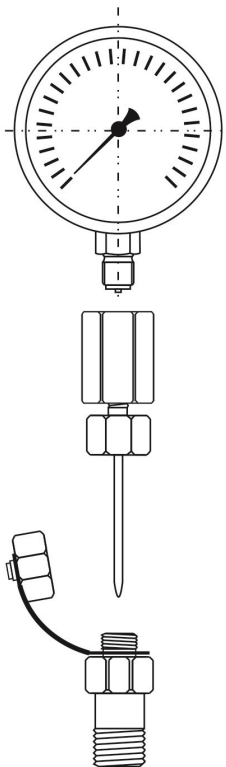
Digital thermometer NG 27

for Twinlok measuring nipple with piercing needle

Meas. range -20...+150°C,

Accuracy 1° (-20...+100°C)

Resolution 0,1°C



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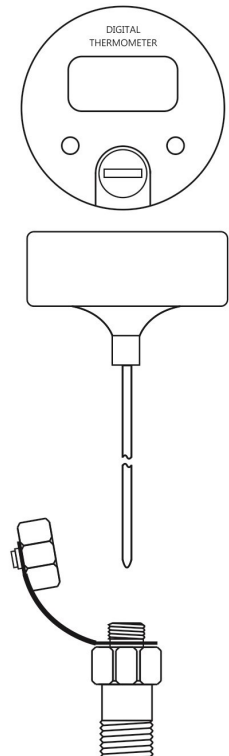
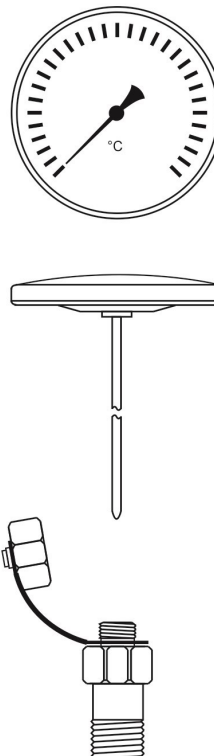
Screw the pressure gauge in adapter

3

Screw the adapter to the Twinlok measuring nipple, the measurement takes place.

1

Unscrew the sealing plug, there is a through hole underneath



After the measurement has been completed, the adapter can be removed again. The measuring nipple is closed again with the sealing plug.

The thermometer is plugged directly into the Twinlok measuring nipple.