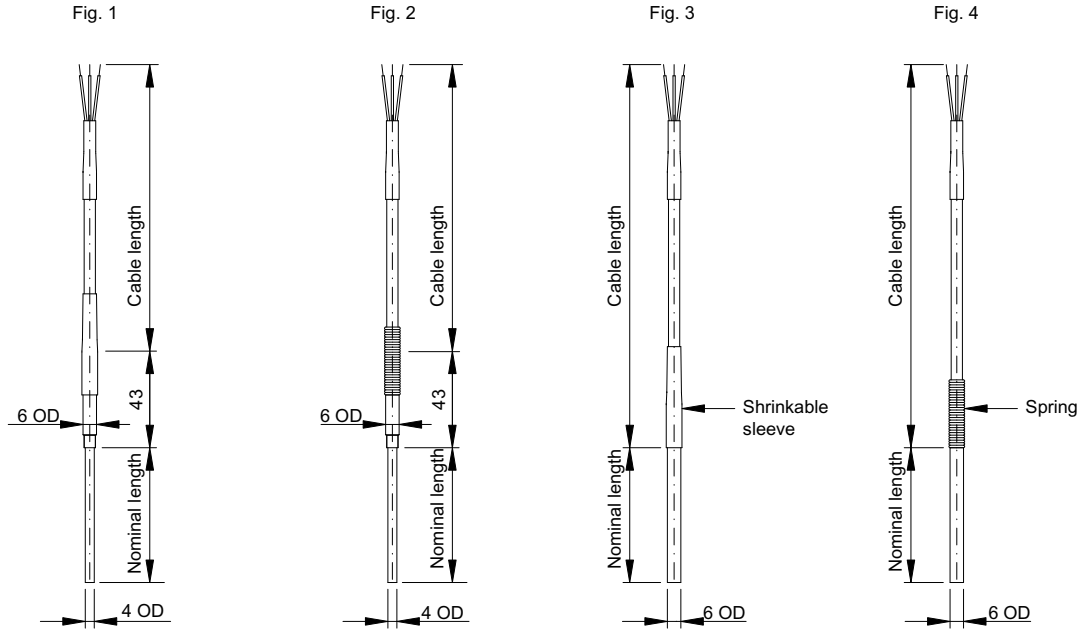


Dimensions



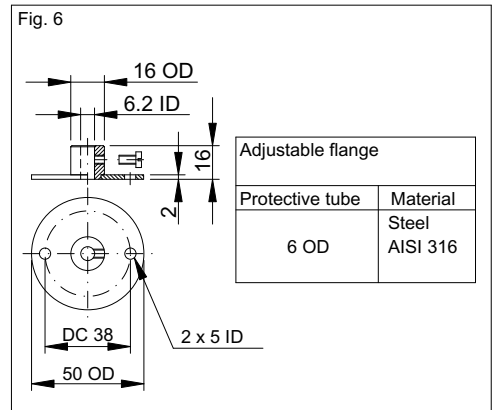
Properties for cable

Insulation	Temperature range	Application
PVC	- 5 + 70°C	General use
Silicone	-50 +180°C	Flexible, heat resistance
Teflon (FEP)	-50 +200°C	Corrosion and heat resistance
GLGLO, Fiberglass+steel braid	-20 +400°C	High temperature, not water tight

Process connection

Fig. 5

Compression fitting				
Protective tube	Thread	Material	Sealing	
4 OD	1/4" BSP	Steel, SS AISI 316	Steel olive Teflon olive	max. 400°C, max. 40 bar max. 100°C, max. 10 bar
6 OD	1/4" BSP 3/8" BSP 1/2" BSP	Steel, SS AISI 316	Steel ferrule Teflon olive	max. 400°C, max. 40 bar max. 100°C, max. 10 bar
6 OD	1/4" BSP 3/8" BSP 1/2" BSP	Steel, galvanized	Steel ferrule Teflon olive	max. 400°C, max. 40 bar max. 100°C, max. 10 bar



Response time

Protective tube Diameter	Response time in seconds (guidelines)			
	In water @ 0.4m/sec.		In air @ 3m/sec.	
	t _{0.5}	t _{0.9}	t _{0.5}	t _{0.9}
4	3	15	40	120
6	5	15	60	180

Note:

The 0.5/0.9 time is the time that it takes the sensor to reach 50%/90% of the final value of a temperature change of a medium.
If media and velocity are different from the ones stated, the time can change significantly.

Connection diagram - cable

PVC w/screen Screen connected to outer sheath		Teflon w/screen Screen connected to outer sheath		Silicone		GLGLO	
1xPt100 2- 3- 4-wire	2xPt100 2-wire	1xPt100 2- 3- 4-wire	2xPt100 2-wire	1xPt100 2- 3- 4-wire	2xPt100 2-wire	1xPt100 2- 3- 4-wire	2xPt100 2-wire
Green Yellow White Brown	Green Yellow White Brown	Red Red/green White/green White	Red Red/green White/green White	Blue Yellow Red White	Blue Yellow Red White	White White White White	White White White White