

# THERMOCOUPLES

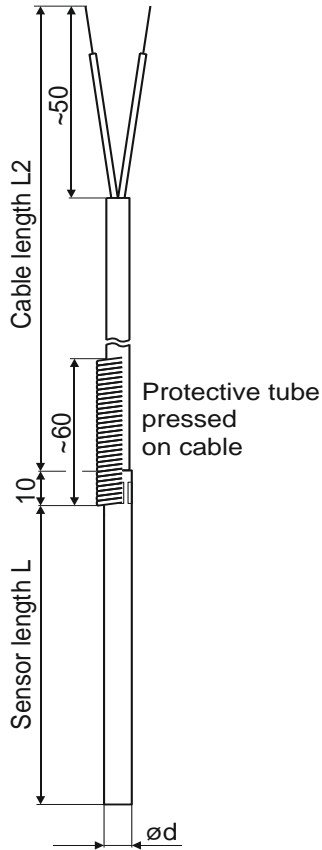
with bendable sheat design  
or rigid protective sleeve



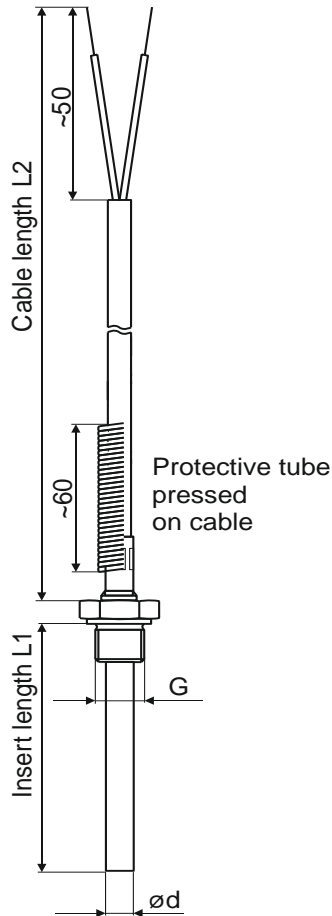
For the universal use in processes with liquid and gaseous media, at low pressures.  
Different materials and sheatings of protective sleeves are available to protect against aggressive media.  
Cable and sleeve are firmly connected.  
Other versions with screw connection are available.

Type	7064		
Version	Cable sensors	Cable sensors with thread	Sheathed thermocouple with sleeve
Application temperature	dependent on sensor and protective tube material	dependent on sensor and protective tube material	-200 up to +1000°C
Thermo junction	J (Fe-CuNi) DIN EN 60584, L (NiCr-Ni) DIN EN 60584 other on request		
Number of thermo junction	1 Thermocouple 2 Thermocouples		
Protection tube Ø Protection tube	1.4571, other on request 3 ... 10 mm	1.4571, other on request 3 ... 6 mm	
Sheat material	-	-	1.4541, 1.4571, 1.4841, 2.4816, and on request
Ø Sheat	-	-	0,5/1,0/1,5/2,0/3,0 mm 4,5/6,0 mm / on request
Measuring point design	-	<input type="checkbox"/> insulated of protective tube <input type="checkbox"/> connected to protect. tube <input type="checkbox"/> at 2 thermocouples connected or disconnected bead	<input type="checkbox"/> insulated of sheat <input type="checkbox"/> welded in sheat <input type="checkbox"/> at 2 thermocouples connected or disconnected bead
Insert length L1	-	min. Thread + 10 mm up to 1000 mm	-
Cable length L2	min. 100 mm	min. 100 mm	on request
Type of compensating cable	on request		
Sensor length L	-	-	min. 10 mm
Bend protection	without or with spiral spring		
Thread G	-	M10, G¼A, G½A, on request	-
Connector	free ends connector on request		

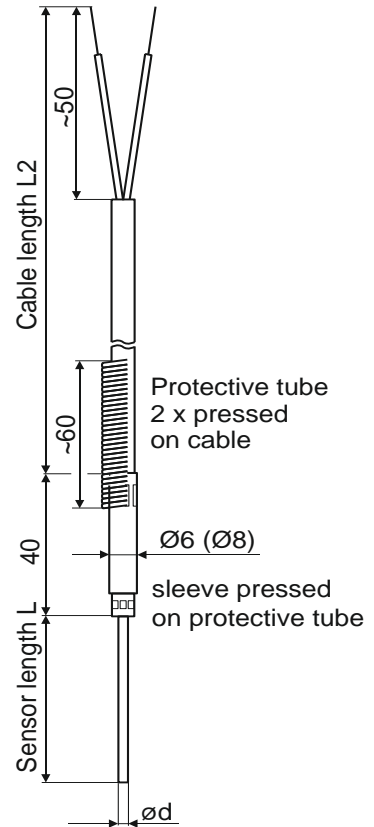
Cable sensors



Cable sensors with thread



Sheathed thermocouple with sleeve



Bending radius of the sheet material  $\geq 5 \times \varnothing d$