

Screw-In Melt Thermocouple (901090)

- For temperatures from -40 and +600 °C
- Available with different thermocouples
- Protection tube and probe tip out of stainless steel
- Structure insulated or connected with probe tip
- Ceramic insulated probe tip
- For application in the plastics industry



Order details

				(1) Basic type		
				901090/10	Screw-in melt thermocouple with thermal line	
				901090/20	Screw-in melt thermocouple with plug connector (LEMO device outlet ERA-2S)	
				901090/50	Screw-in melt thermocouple with thermal line and ceramic isolated probe tip	
				901090/60	Screw-in melt thermocouple with plug connector (LEMO device outlet ERA-2S) and ceramic isolated probe tip	
				(2) Operating temperature in °C		
X	X	X	X	493	-40..260°C/PTFE	
X	X	X	X	505	-40..400°C/ metal braiding	
X	X	X	X	515	-40..600°C/ metal braiding	
				(3) Measuring insert		
X	X	X	X	1040	1x Fe-CuNi "J"	
X	X	X	X	1042	1x Fe-CuNi "L"	
X	X	X	X	1043	1x NiCr-Ni "K"	
				(4) Insertion length		
X	X	X	X	152,00	152 mm (standard length)	
				(5) Shape of tip		
X	X			1	Plain	
X	X	X	X	4	Sword	
				(6) Probe tip length		
X	X			0	Plain	
X	X	X	X	5	5 mm	
X	X	X	X	10	10 mm	
X	X	X	X	15	15 mm	
X	X	X	X	20	20 mm	
X	X	X	X	25	25 mm	
				(7) Material of tip		
X	X	X	X	26	CrNi 1.4571	
X	X	X	X	39	CrNi 1.4571 coating according to agreement	
				(8) Process connection		
X	X	X	X	126	Screw connection M18 x 1,5	
X	X	X	X	153	Screw connection 1/2-20UNF	
				(9) Connecting cable end		
	X		X	00	Not to be used	
X		X		03	Stripped cable ends	
X		X		11	Ferrules	
X		X		80	Multipole connector (type indicated in plain text)	
				(10) Connecting line length in mm		
	X		X	0	Without cable	
X		X		3000	3000 mm	
X		X		0 - 10000	Indication in plain text (gradation 500mm)	
				(11) Extra codes		

X	X	X	X	000	Without extra code
X	X	X	X	309	Uninsulated assembly (thermocouple welded to tip)
X		X		315	Bend protection spring
X		X		853	Metal protection hose on the connection

Order code

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)

Quantity discount:

As of 5 pieces: 5 %

As of 10 pieces: 10 %

As of 25 pieces: please inquire

