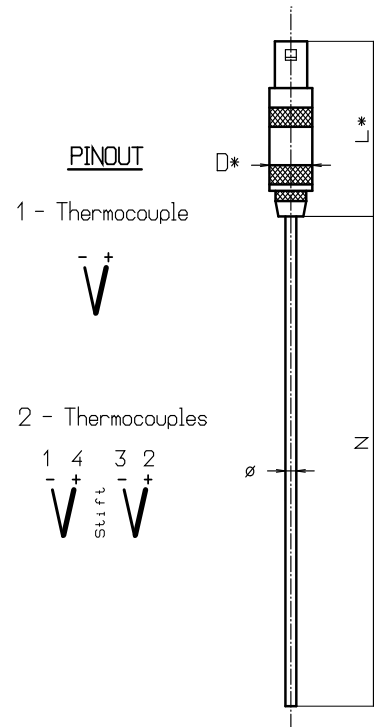


Sheath thermocouple with round connector

Thermocouple	Fe-CuNi NiCr-Ni
Working-temperature	Fe-CuNi up to 800°C NiCr-Ni up to 1200°C
Version	Standard version hot junction isolated from the outer sheath welded
Outer sheath	Stainless steel W-No. 1.4541 (800 °C) Inconel W-No. 2.4816 (1200 °C)
Connection	Three sizes according to sheath-Ø socket carrier without lock at the thermocouple Contacts brass gold-plated, see connection diagram Max temperature at the connector 130 °C Connector PEEK isolated
Connecting	Datasheet 19.20
Nominal length	500 mm included in the list price


Version Outer sheath stainless steel W.No.1.4541

Element Ø in mm	Order-No. 1 x Fe-CuNi	Add. price 100mmNL	Order-No. 2 x Fe-CuNi	Add. price 100mmNL	Order-No.. 1 x Ni-CrNi	Add. price 100mmNL	Order-No. 2 x Ni-CrNi	Add. price 100mmNL
1,5	1.62.04.11	1.62.04.01	1.62.04.12	1.62.04.10	2.62.04.11	2.62.04.01	2.62.04.12	2.62.04.10
3,0	1.62.04.21	1.62.04.02	1.62.04.22	1.62.04.20	2.62.04.21	2.62.04.02	2.62.04.22	2.62.04.20
4,5	1.62.04.31	1.62.04.03	1.62.04.32	1.62.04.30	2.62.04.31	2.62.04.03	2.62.04.32	2.62.04.30
6,0	1.62.04.41	1.62.04.04	1.62.04.42	1.62.04.40	2.62.04.41	2.62.04.04	2.62.04.42	2.62.04.40

Version Outer sheath Inconel W –No. 2.4816

Element Ø in mm	Order-No. 1 x Fe-CuNi	Add. price 100mmNL	Order-No. 2 x Fe-CuNi	Add. price 100mmNL	Order-No. 1 x Ni-CrNi	Add. price 100mmNL	Order-No. 2 x Ni-CrNi	Add. price 100mmNL
1,5	1.62.05.11	1.62.05.01	1.62.05.12	1.62.05.10	2.60-05.11	2.62.05.01	2.62.05.12	2.62.05.10
3,0	1.62.05.21	1.62.05.02	1.62.05.22	1.62.05.20	2.62.05.21	2.62.05.02	2.62.05.22	2.62.05.20
4,5	1.62.05.31	1.62.05.03	1.62.05.32	1.62.05.30	2.62.05.31	2.62.05.03	2.62.05.32	2.62.05.30
6,0	1.62.05.41	1.62.05.04	1.62.05.42	1.62.05.40	2.62.05.41	2.62.05.04	2.62.05.42	2.62.05.40

Standardversion	: Probe tip isolated from outer sheath welded
Spezialversion	: Probe tip the outer sheath welded

Mating connector for connection of the bonding conductor

Connector size	L*	D*	Ø	Order No.
0-2-pole	34 mm	9 mm	4,2 mm	0.62.00.01
1-2-pole	40 mm	12 mm	6,2 mm	0.62.00.02
4-pole	40 mm	12 mm	6,2 mm	0.62.00.03
2-2-pole	50 mm	15 mm	8,5 mm	0.62.00.04
4-pole	50 mm	15 mm	8,5 mm	0.62.00.05

Socket carrier at the sheath thermocouple

L*	D*	Ø	Order No.
35 mm	9 mm	4,2 mm	0.62.00.10
50 mm	12 mm	6,2 mm	0.62.00.20
50 mm	12 mm	6,2 mm	0.62.00.30
50 mm	15 mm	8,5 mm	0.62.00.40
50 mm	15 mm	8,5 mm	0.62.00.50