

Resistance thermometer EEx ia

ATEX Typ 4.48.xx.xx und 4.91.xx.xx

Protection zone Ex II 2G EEx ia II C T5-T6 / IM2 EEx ia I

Measuring insert 1 x PT100 / 2 x PT100 / Thermocouples see Chapter 13

Certification BVS 03 ATEX E 292

Measuring range -40 to 200°C

Ambient temperature -40 to 100°C

Armature Stainless steel M.-No.1.4541 or M.No.1.4571

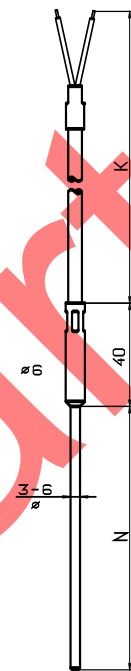
Connection 1m long coat with PTFE or PFA and internal Beaded and braided sleeve shed SS

Safety and health requirements EN50021:1999

Supply circuit	I_n max. :3 mA	P_i max. :750 mW
	U_i max. :30 V	C_i max. :50 nF
	I_k max. :150 mA	L_i max. :5 mH

Material Armature 1.4571

4.48.xx.xx

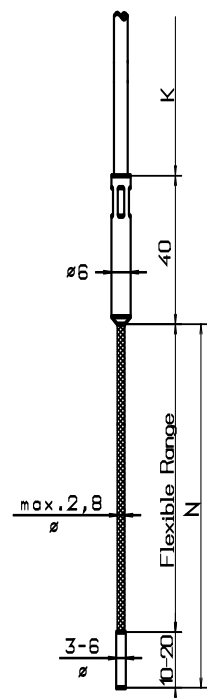

Push-in resistance thermometer with rigid probe tube

Version 4.48.xx.xx	3 mm Ø		4 mm Ø		6 mm Ø	
	N in mm	Order no. 1 x PT 100	Order no. 2 x PT 100	Order no. 1 x PT 100	Order no. 2 x PT 100	Order no. 1 x PT 100
50	4.48.34.11	4.48.34.12	4.48.35.11	4.48.35.12	4.48.36.11	4.48.36.12
100	4.48.34.21	4.48.34.22	4.48.35.21	4.48.35.22	4.48.36.21	4.48.36.22
150	4.48.34.31	4.48.34.32	4.48.35.31	4.48.35.32	4.48.36.31	4.48.36.32
200	4.48.34.41	4.48.34.42	4.48.35.41	4.48.35.42	4.48.36.41	4.48.36.42
250	4.48.34.51	4.48.34.52	4.48.35.51	4.48.35.52	4.48.36.51	4.48.36.52
Addition						
Eper50mm	4.48.34.10	4.48.34.20	4.48.35.10	4.48.35.20	4.48.36.10	4.48.36.20
Cable per 1m	4.48.34.01	4.48.34.02	4.48.35.01	4.48.35.02	4.48.36.01	4.48.36.02
3-wire circuit	4.48.34.13	4.48.34.23	4.48.35.13	4.48.35.23	4.48.36.13	4.48.36.23
4-wire circuit	4.48.34.14	4.48.34.24	4.48.35.14	4.48.35.24	4.48.36.14	4.48.36.24

4.91.xx.xx

Resistance thermometer with flexible probe head

Version 4.91.xx.xx	N in mm	Order no. 1 x PT100	Order no. 2 x PT100
	50	4.91.34.11	4.91.34.12
	100	4.91.34.21	4.91.34.22
	150	4.91.34.31	4.91.34.32
	200	4.91.34.41	4.91.34.42
	250	4.91.34.51	4.91.34.52
Addition			
Additional installation length per 50mm		4.91.34.10	4.91.34.20
Additional cable length per 1m		4.91.34.01	4.91.34.02
Additional price 3-wire circuit		4.91.34.13	4.91.34.23
Additional price 4-wire circuit		4.91.34.14	4.91.34.25
Tip 3 mm		4.91.34.03	
Tip 3,5 mm		4.91.34.04	
Tip 4 mm		4.91.34.05	
Tip 6 mm		4.91.34.06	



**This product can still be ordered as a spare part .
 New parts are replaced by 4.68 / 4.69 with the latest Ex Standard**