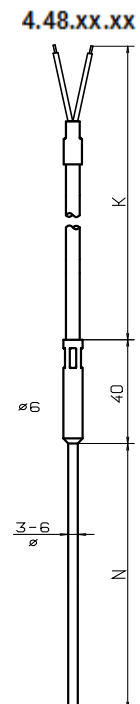


Resistance thermometer EEx nA

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

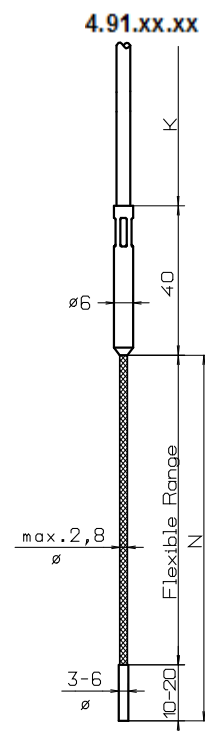
Measuring insert	1 x PT100 / 2 x PT100 / Thermocouples see Chapter 13	
Measuring range	-40 to 200°C	
Ambient temperature	-40 to 100°C	
Armature	Stainless steel M.-No.1.4541 or M.No.1.4571	
Connection	1 m long Teflon insulated with interior-lying screening and PFA-jacket Tube crimped and sealed	
Safety and health requirements	EN50021:1999	
Type of protection	II 3 G EEx nA II T4	
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
Certificate	PTB 01 ATEX 1096 X	
Material	Armature 1.4571	


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	Order no. 1 x PT 100	
50	4.48.24.11	4.48.24.12	4.48.26.11	4.48.26.12	4.48.27.11	4.48.27.12	
100	4.48.24.21	4.48.24.22	4.48.26.21	4.48.26.22	4.48.27.21	4.48.27.22	
150	4.48.24.31	4.48.24.32	4.48.26.31	4.48.26.32	4.48.27.31	4.48.27.32	
200	4.48.24.41	4.48.24.42	4.48.26.41	4.48.26.42	4.48.27.41	4.48.27.42	
250	4.48.24.51	4.48.24.52	4.48.26.51	4.48.26.52	4.48.27.51	4.48.27.52	
Addition							
Eper50mm	4.48.24.10	4.48.24.20	4.48.26.10	4.48.26.20	4.48.27.10	4.48.27.20	
Cable per 1m	4.48.24.01	4.48.24.02	4.48.26.01	4.48.26.02	4.48.27.01	4.48.27.02	
3-wire circuit	4.48.24.13	4.48.24.23	4.48.26.13	4.48.26.23	4.48.27.13	4.48.27.23	
4-wire circuit	4.48.24.14	4.48.24.24	4.48.26.14	4.48.26.24	4.48.27.14	4.48.27.24	

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	4.91.25.11	4.91.25.12
	100	4.91.25.21	4.91.25.22
	150	4.91.25.31	4.91.25.32
	200	4.91.25.41	4.91.25.42
	250	4.91.25.51	4.91.25.52
Addition			
Additional installation length per 50mm		4.91.25.10	4.91.25.20
Additional cable length per 1m		4.91.25.01	4.91.25.02
Additional price 3-wire circuit		4.91.25.13	4.91.25.23
Additional price 4-wire circuit		4.91.25.14	4.91.25.25
Tip 3 mm		4.91.25.03	
Tip 3,5 mm		4.91.25.04	
Tip 4 mm		4.91.25.05	
Tip 6 mm		4.91.25.06	


ATEX acceptance certificate on request