

Resistance thermometer EEx ia

ATEX Typ 4,68,**,** und 4,69,**,**

Protection zone  **II 2G Ex ia IIC T4/T6 Gb** /  **IM2 Ex ia I Mb**
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°C bis 80°C° Group II, T4 und Gruppe I
 -40°C bis 55°C° Group II, T6

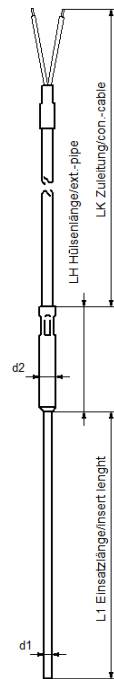
Armature Stainless steel M.-No.1.4541 or M.No.1.4571

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

Safety and health requirements EN60079-0:2012 + A11:2013
 EN60079-11:2012
 IEC 60079-26:2014

Supply circuit

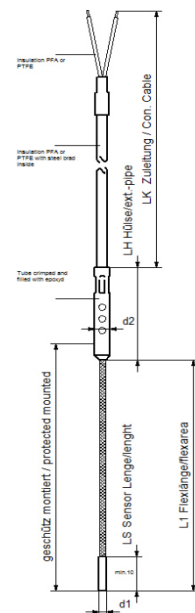
I_n max.	:3 mA	P_i max.	:400 mW Gr.II,T4 + Gr.I
			: 90 mW Gr.II,T6
U_i max.	:40 V AC/DC	C_i max.	:Cable Cc 135 pF/m
I_i max.	:40 mA	L_i max.	:Cable Lc 0,65 myH/m

Material Armature 1.4571

4,68,,****
Push-in resistance thermometer with rigid probe tube

	Version 4,68,**,**	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	Order no. 1 x PT 100
50	4,68,34,11	4,68,34,12	4,68,35,11	4,68,35,12	4,68,36,11	4,68,36,12	4,68,36,12
100	4,68,34,21	4,68,34,22	4,68,35,21	4,68,35,22	4,68,36,21	4,68,36,22	4,68,36,22
150	4,68,34,31	4,68,34,32	4,68,35,31	4,68,35,32	4,68,36,31	4,68,36,32	4,68,36,32
200	4,68,34,41	4,68,34,42	4,68,35,41	4,68,35,42	4,68,36,41	4,68,36,42	4,68,36,42
250	4,68,34,51	4,68,34,52	4,68,35,51	4,68,35,52	4,68,36,51	4,68,36,52	4,68,36,52
Addition							
E per 50mm	4,68,34,10	4,68,34,20	4,68,35,10	4,68,35,20	4,68,36,10	4,68,36,20	4,68,36,20
Cable per 1m	4,68,34,01	4,68,34,02	4,68,35,01	4,68,35,02	4,68,36,01	4,68,36,02	4,68,36,02
3-wire circuit	4,68,34,13	4,68,34,23	4,68,35,13	4,68,35,23	4,68,36,13	4,68,36,23	4,68,36,23
4-wire circuit	4,68,34,14	4,68,34,24	4,68,35,14	4,68,35,24	4,68,36,14	4,68,36,24	4,68,36,24

Resistance thermometer with flexible probe head

Version 4,69,**,**	N in mm	Order no. 1 x PT100	Order no. 2 x PT100
	50	4,69,34,11	4,69,34,12
	100	4,69,34,21	4,69,34,22
	150	4,69,34,31	4,69,34,32
	200	4,69,34,41	4,69,34,42
	250	4,69,34,51	4,69,34,52
Addition			
Additional installation length per 50mm		4,69,34,10	4,69,34,20
Additional cable length per 1m		4,69,34,01	4,69,34,02
Additional price 3-wire circuit		4,69,34,13	4,69,34,23
Additional price 4-wire circuit		4,69,34,14	4,69,34,25
Tip 3 mm		4,69,34,03	
Tip 3,5 mm		4,69,34,04	
Tip 4 mm		4,69,34,05	
Tip 6 mm		4,69,34,06	


4,69,,****
ATEX acceptance certificate on request