
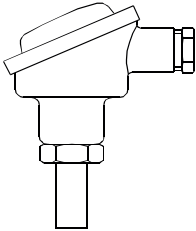
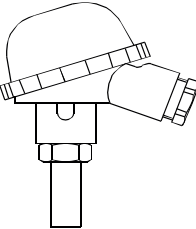
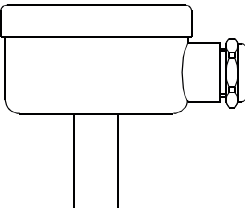
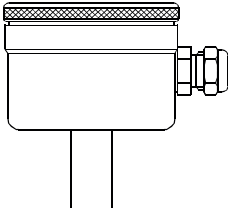


RTD TEMPERATURE SENSOR, TYPE SPT

TYPE SPT100-X-xx, with class B (1/3-DIN) Pt100 element

STANDARD MODEL

TERMINAL HEAD : see below	CONNECTIONS : AISI304/1.4301, see page 5 and 6
RTD elements : 3-wire Pt100, LX: single thinfilm layer element	RANGE : LX and LD type = -50/+200°C
6-wire 2xPt100, LD: duplex thinfilm layer element	HX and HD type = -200/+400°C
3-wire Pt100, HX: single ceramic element	TOLERANCE : class B acc. to IEC751, 1/3-DIN
6-wire 2xPt100, HD: duplex ceramic element	CABLE GLAND : type A, B, S and K; PG-11
PROBE : standard upto 100 mm, AISI321/1.4541, see page 4	OPTIONS : built-in transmitters: see page 6

TYPE	MODEL	xx = RTD Element:			
		LX -50/+200°C	LD -50/+200°C DUPLEX	HX -200/+400°C	HD -200/+400°C DUPLEX
C with 2000 mm extension cable IP-65 PER 1000 MM CABLE EXTRA:		SPT100-C-L	SPT100-C-L	STSPT100-C-H	SPT100-C-HD
A aluminium DIN 43729 form B IP-68	 PG 16	SPT100-A-L	SPT100-A-L	SPT100-A-H	SPT100-A-HD
B polyamide BBK IP-55	 PG 16	SPT100-B-L	SPT100-B-L	SPT100-B-H	SPT100-B-HD
S AISI304/1.4301 bayonet-lock IP-65	 PG 11	SPT100-S-L	SPT100-S-L	SPT100-S-H	SPT100-S-HD
K AISI304/1.4301 screwed cover IP-68	 PG 9	SPT100-K-L	SPT100-K-L	SPT100-K-H	SPT100-K-HD

PROBE LENGTH AND DIAMETER FOR TYPE STSPT100

TYPE	MODEL	L x ØD (mm)	"L" AISI321/1.4541 >100mm*
A PLAIN STEM	<p>L = standard upto 100 mm</p>	6, 8 or 9 without tip	-- per 50 mm
		8 or 9 with tip Ø6	per 50 mm
		10 or 12 with tip Ø6	per 50 mm

TYPE	MODEL	L x řD (mm)	"L" AISI321/1.4541 >100mm*
E INSERT TYPE: PROBE WITH EXCHANGEABLE ELEMENT	<p>L = standard upto 100 mm</p>	9 without tip	per 50 mm
		10 or 12 with tip Ø9	per 50 mm

OPTIONS for probes	
POLISHED PROBE (MECHANICAL)	FOR ALL DIAMETERS
PROBE AISI316/1.4401	FOR PROBE DIAMETERS Ø 6, 8, 9, 10 and 12mm

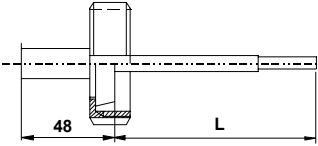
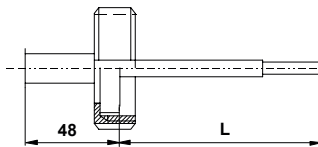
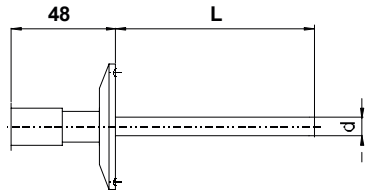
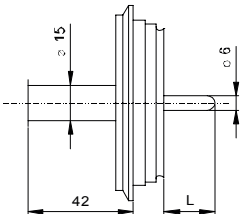
THREADED CONNECTIONS FOR STSPT100

TYPE	MODEL			
		CONNECTION	SW 1	SW 2
B COUPLING NUT <i>(standard model)</i>		1/2"BSP	27	--
		3/4"BSP	32	--
		1"BSP	41	--
BL COUPLING NUT <i>(long model)</i>		1/2"BSP	27	--
		3/4"BSP	32	--
		1"BSP	41	--
C FIXED NIPPLE <i>(standard model)</i>		1/2"BSP/NPT	27	--
		3/4"BSP/NPT	32	--
		1"BSP/NPT	41	--
CL FIXED NIPPLE <i>(long model)</i>		1/2"BSP/NPT	27	--
		3/4"BSP/NPT	32	--
		1"BSP/NPT	41	--
A 04 TURNING NIPPLE <i>(standard model)</i>		1/2"BSP	27	--
		3/4"BSP	32	--
		1"BSP	41	--
AL 04 TURNING NIPPLE <i>(long model)</i>		1/2"BSP	27	--
		3/4"BSP	32	--
		1"BSP	41	--
CS 3 ADJUSTABLE SLIDING CONNECTION	<p>FOR FEMALE CONNECTION: SEE PAGE 6</p>	1/2"BSP/NPT	22	27
		3/4"BSP/NPT	22	32
		1"BSP/NPT	22	36

OPTIONS FOR THREADED CONNECTIONS

OPTIONS	
1/2" BSP female	FOR CONNECTION TYPE CS3
3/4" BSP female	
1" BSP female	
M24x1.5	
M20x1.5	
M18x1.5	
3/8" BSP	
1/4" BSP	

SANITARY CONNECTIONS FOR STSPT100

TYPE	MODEL WITH POLISHED BULB	CONNECTION
CM-DIN <i>sanitary coupling acc. to DIN 11851</i>		1" - NW25
		1" - NW40
		2" - NW50
		3" - NW75
CM-SMS <i>sanitary coupling acc. to SMS 1145</i>		1" - NW25
		1" - NW40
		2" - NW50
TC <i>sanitary connection acc. to ISO 2852</i>		1" - NW25
		1" - NW40
		2" - NW50
TV <i>sanitary VARIVENT In-Line connection</i>		NW 10 - 15
		NW 25 - 32
		NW 40 - 65

BUILT-IN RTD TRANSMITTER

TRANSMITTER TYPE	
TRP	
TRPex	4-20mA, 2-wire, +13..+35Vdc, Eex-ia-IIC-T4..T6