OEM Finland Oy | Puh: 0207 499 499 | info@oem.fi | www.oem.fi
PL 9, 20101 TURKU

TERMOELEMENTTI ERILLISELLE SUOJATASKULLE

TC10-B

TC10B-14365198
K Tyyppi -40-1200°C 150x6mm G1/2" NL=50mm



- Tyyppi K, J, E, N tai T
- Mitta-alue -40-1200°C
- Vaihdettava mittaosa
- Kaulan pituus 30mm ylöspäin
- SIL2 ja Atex optiot

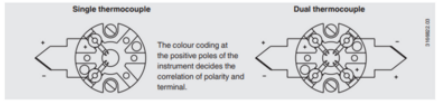
TUOTEKUVAUS

Tämän sarjan termoelementtit voidaan liittää lukuisiin suojataskumalleihin. Käyttö ilman suojataskua on suositeltavaa ainoastaan erikoistapauksissa. Lämpötila-antureihin on saatavilla laaja valikoima mahdollisia anturien ja liitäntäpäiden yhdistelmiä, mittauskärkien pituuksia, kaulan pituuksia, suojataskuliitäntöjä jne., jotka sopivat minkä tahansa kokoiseen suojataskuun ja mihin tahansa käyttökohteeseen.

TEKNISET TIEDOT

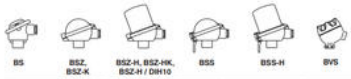
Aineen kanssa kosketuksissa olevien osien materiaali	Inoconel - 600
Asennussyvyys	150 mm
IP-luokka	IP65
Kaulan pituus	5 m
Kytkinkotelon materiaali	Ruostumaton teräs 316Ti
Max. käyttölämpötila	1200 °C
Max. ympäristön lämpötila	80 °C
Min. käyttölämpötila	-40 °C
Min. ympäristön lämpötila	-40 °C
Pistokkeen halkaisija	6 mm
Rungon materiaali	Alumiini

Electrical connection



Connection head

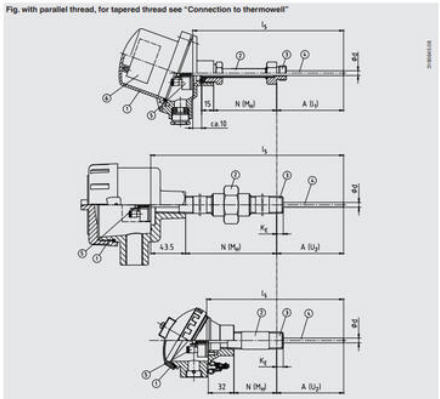
■ **European designs per EN 50446 / DIN 43735**



Model	Material	Cable entry thread size	Ingress protection (max.) [1]	Cap	Surface	Connection to neck tube
BS	Aluminium	M20 x 1.5 or ½ NPT [2]	IP65, IP68	Flat cap with 2 screws	Blue, lacquered [4]	M24 x 1.5, ½ NPT
BSZ	Aluminium	M20 x 1.5 or ½ NPT [2]	IP65, IP68	Spherical hinged cover with cylinder head screw	Blue, lacquered [4]	M24 x 1.5, ½ NPT
BSZ-H	Aluminium	M20 x 1.5 or ½ NPT [2]	IP65, IP68	Raised hinged cover with cylinder head screw	Blue, lacquered [4]	M24 x 1.5, ½ NPT
BSZ-H (2x cable outlet)	Aluminium	2 x M20 x 1.5 or 2 x ½ NPT [2]	IP65, IP68	Raised hinged cover with cylinder head screw	Blue, lacquered [4]	M24 x 1.5
BSZ-H / DIH10 [3]	Aluminium	M20 x 1.5 or ½ NPT [2]	IP65	Raised hinged cover with cylinder head screw	Blue, lacquered [4]	M24 x 1.5, ½ NPT
BSS	Aluminium	M20 x 1.5 or ½ NPT [2]	IP65	Spherical hinged cover with clamping lever	Blue, lacquered [4]	M24 x 1.5, ½ NPT
BSS-H	Aluminium	M20 x 1.5 or ½ NPT [2]	IP65	Raised hinged cover with clamping lever	Blue, lacquered [4]	M24 x 1.5, ½ NPT
BVS	Stainless steel	M20 x 1.5 [2]	IP65	Precision-cast screw-on lid	Blank, electropolished	M24 x 1.5
BSZ-K	Plastic	M20 x 1.5 or ½ NPT [2]	IP65	Spherical hinged cover with cylinder head screw	Black	M24 x 1.5
BSZ-HK	Plastic	M20 x 1.5 or ½ NPT [2]	IP65	Raised hinged cover with cylinder head screw	Black	M24 x 1.5

Model	Explosion protection				
	Without	Ex i (gas) Zone 0, 1, 2	Ex i (dust) Zone 20, 21, 22	Ex nA (gas) Zone 2	Ex tc (dust) Zone 22
BS	x	x	-	-	-
BSZ	x	x	x	x	x
BSZ-H	x	x	x	x	x
BSZ-H (2x cable outlet)	x	x	x	x	x
BSZ-H / DIH10 [3]	x	x	-	-	-
BSS	x	x	-	-	-
BSS-H	x	x	-	-	-
BVS	x	x	-	-	-
BSZ-K	x	x	-	-	-
BSZ-HK	x	x	-	-	-

Fig. with parallel thread, for tapered thread see "Connection to thermowell"

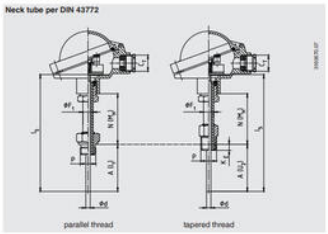


Legend:
① Connection head
② Neck tube
③ Connection to thermowell
④ Measuring insert (TC10-A)
⑤ Terminal block/transmitter (option)
⑥ Transmitter (option)

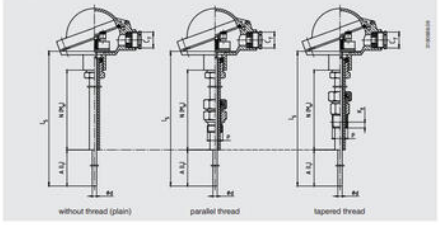
A (l1) Insertion length (parallel threads)
A (l2) Insertion length (tapered threads)
l3 Measuring insert length
N (M4) Neck length
K6 1/2 NPT: 8.13 mm
3/4 NPT: 8.61 mm
Ø d Measuring insert diameter

Neck tube designs

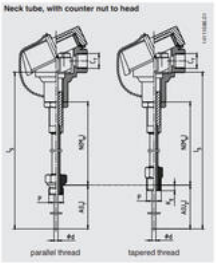
Neck tube per DIN 43772



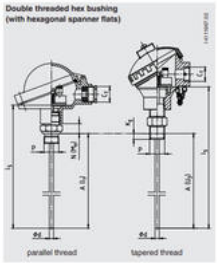
Neck tube per DIN 43772, straight, with/without compression fitting

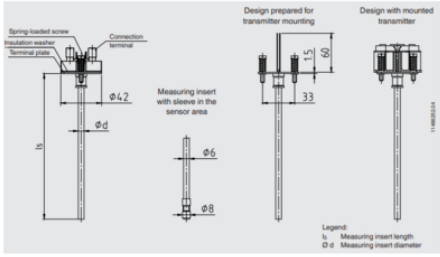


Neck tube, with counter nut to head

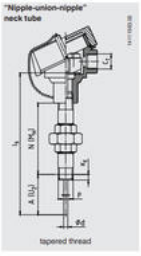


Double threaded hex bushing (with hexagonal spanner flats)

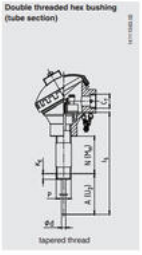




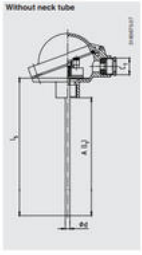
"Nipple-union-nipple" neck tube



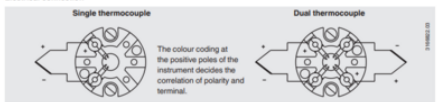
Double threaded hex bushing (tube section)



Without neck tube

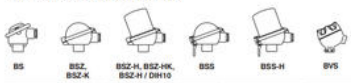


Electrical connection



Connection head

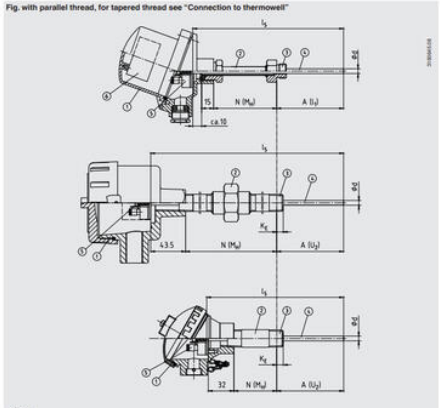
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BS	x	x	-	-	-
BSZ	x	x	x	x	x
BSZ-H	x	x	x	x	x
BSZ-H (2x cable outlet)	x	x	x	x	x
BSZ-H / DIH10 [3]	x	x	-	-	-
BSS	x	x	-	-	-
BSS-H	x	x	-	-	-
BVS	x	x	-	-	-
BSZ-K	x	x	-	-	-
BSZ-HK	x	x	-	-	-

Fig. with parallel thread, for tapered thread see "Connection to thermowell"

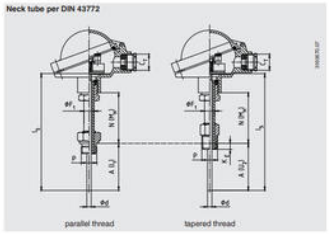


Legend:
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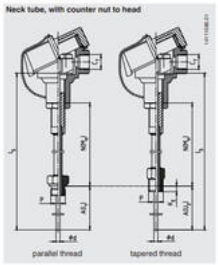
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Neck tube designs

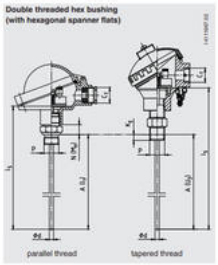
Neck tube per DIN 43772

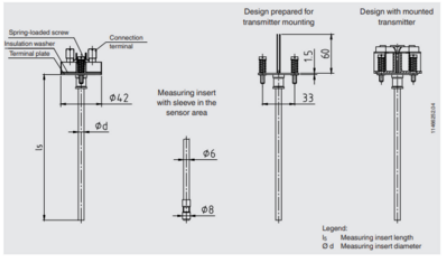


Neck tube, with counter nut to head

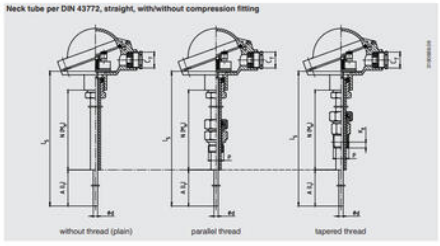


Double threaded hex bushing (with hexagonal spanner flats)

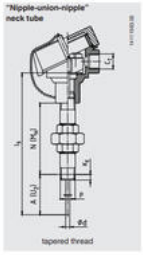




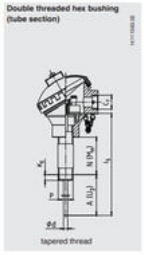
Neck tube per DIN 43772, straight, with/without compression fitting



"Nipple-union-nipple" neck tube



Double threaded hex bushing (tube section)



Without neck tube

