Poptávka

SNÍMAČE TEPLOTY TC10-B

Série TC10-B

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

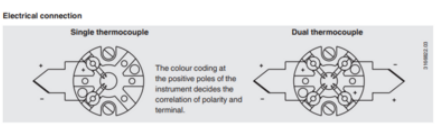


- Termočlánky K, J, E, N, T
- Teplota -40 až 1200°C
- Připojení M, NPT
- Média voda, plyny, oleje
- ATEX, IECEx, SIL2, DNV GL

POPIS PRODUKTU

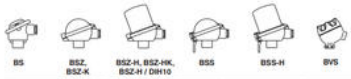
SPECIFIKACE

Insertion length	150 mm
Material Sensor Body	Nerez ocel 316Ti
Materiál těla	Hliník
Neck length	5 m
Plug diameter	6 mm
Provozní teplota max.	1200 °C
Provozní teplota min.	-40 °C
Teplota okolí do	80 °C
Teplota okolí od	-40 °C
Třída krytí	IP65



Connection head

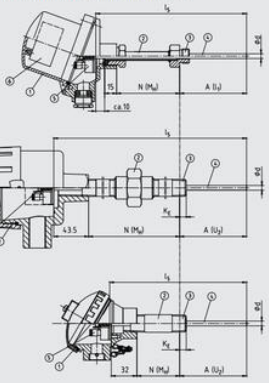
■ European designs per EN 50446 / DIN 43735



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"

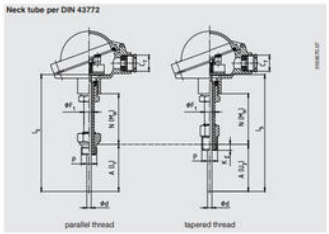


Legend:
① Connection head
② Neck tube
③ Connection to thermowell
④ Measuring insert (TC10-A)
⑤ Terminal block/transmitter (option)
⑥ Transmitter (option)

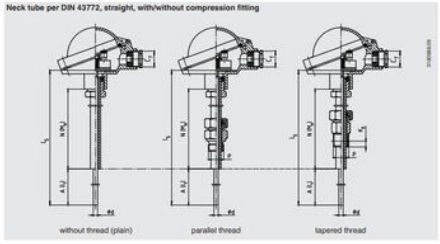
A (l1) Insertion length (parallel threads)
A (lü) Insertion length (tapered threads)
l3 Measuring insert length
N (Mu) Neck length
K6 1/2 NPT: 8.13 mm
3/4 NPT: 8.61 mm
Ø d Measuring insert diameter

Neck tube designs

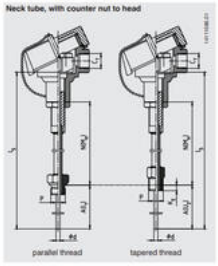
Neck tube per DIN 43772



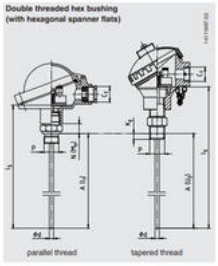
Neck tube per DIN 43772, straight, with/without compression fitting

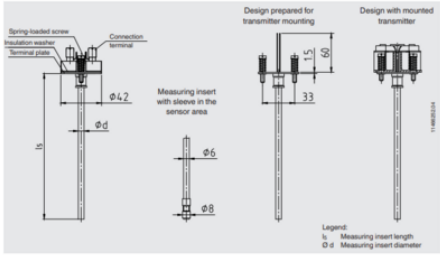


Neck tube, with counter nut to head



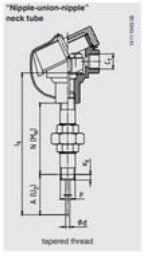
Double threaded hex bushing (with hexagonal spanner flats)



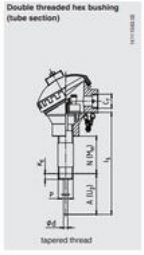


Legend:
l3 Measuring insert length
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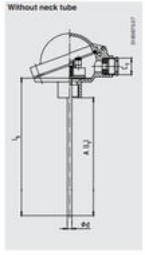
"Nipple-union-nipple" neck tube



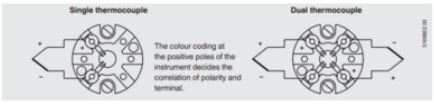
Double threaded hex bushing (tube section)



Without neck tube

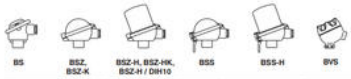


Electrical connection



Connection head

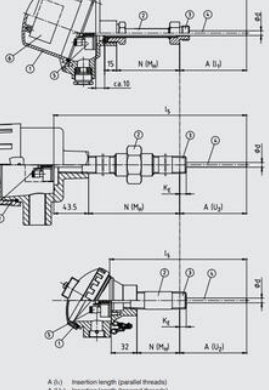
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BSZ	x	x	x	x	x
BSZ-H	x	x	x	x	x
BSZ-H (2x cable outlet)	x	x	x	x	x
BSZ-H / DIH10 [3]	x	x	-	-	-
BSS	x	x	-	-	-
BSS-H	x	x	-	-	-
BVS	x	x	-	-	-
BSZ-K	x	x	-	-	-
BSZ-HK	x	x	-	-	-

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

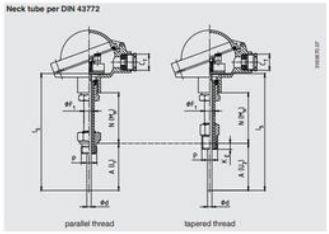


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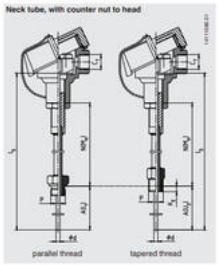
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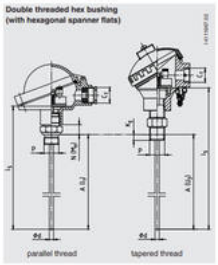
Neck tube per DIN 43772

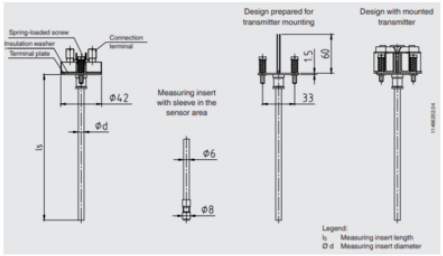


Neck tube, with counter nut to head

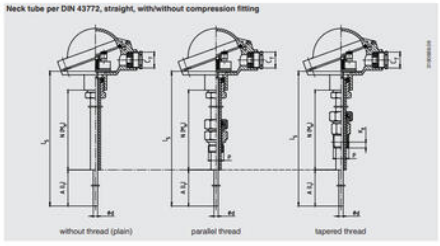


Double threaded hex bushing (with hexagonal spanner flats)

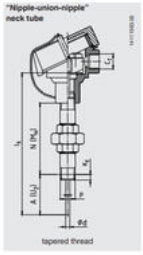




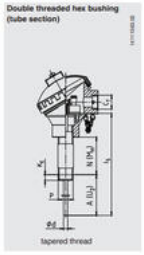
Neck tube per DIN 43772, straight, with/without compression fitting



"Nipple-union-nipple" neck tube



Double threaded hex bushing (tube section)



Without neck tube

