

CAPILLARY DIAL THERMOMETERS TYPE TXC

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TYPE H AND I SEE PAGE 20

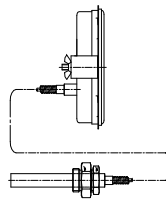
CAPILLARY DIAL THERMOMETERS

Type TXC, with stainless steel case according to EN 13190

STANDARD MODEL:

CASE	: bayonet lock, AISI304/1.4301, IP-65
CAPILLARY TUBE	: see page 24 (upto 100 meters)
STEM AND BULB	: AISI321/1.4541, see page 25, 27
CONNECTION	: AISI304/1.4301, see page 25 -27
WINDOW	: mineral glass 4 mm
DIAL	: aluminium, black figures on white
POINTER	: aluminium, black
RANGES	: from -200 upto +800°C, see page 28 - 30

EXAMPLE:

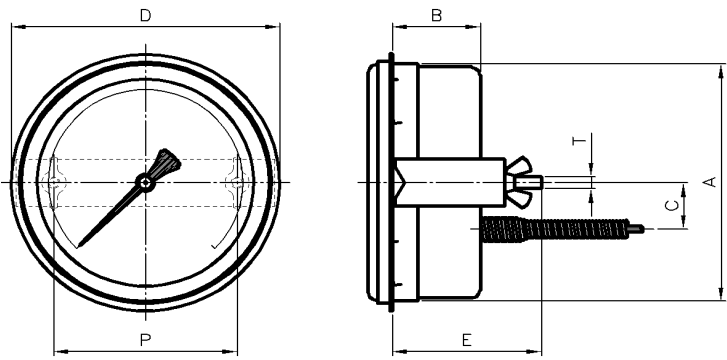
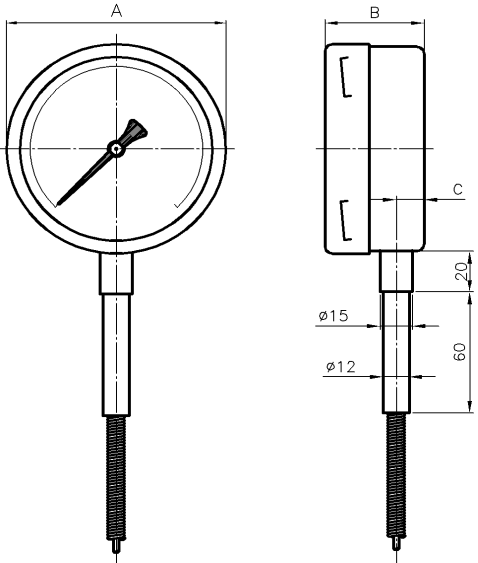


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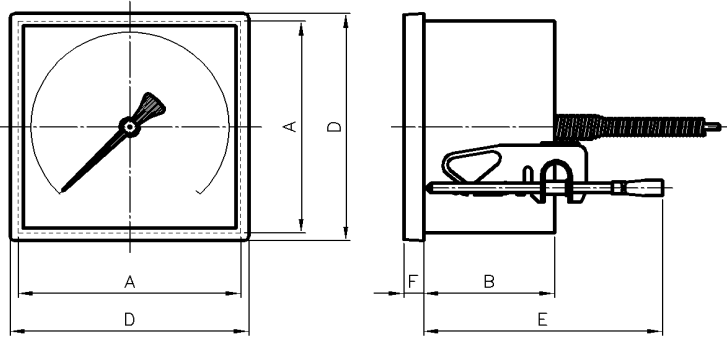
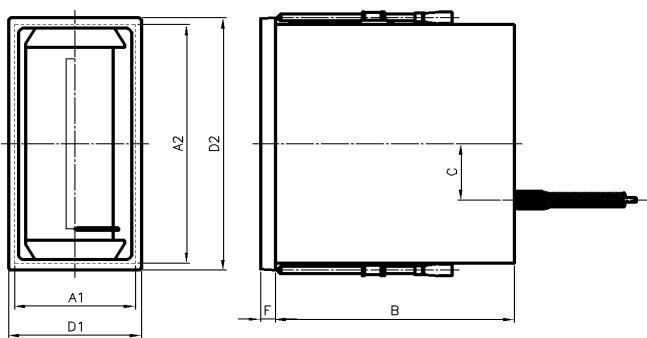
ADJUSTMENT	: +/- 6 % F.S. with adj. screw at the side
OVERLOAD	: up to 30% F.S. (but max. 800°C)
ACCURACY	: ±1% F.S. / class 1
MOVEMENT	: brass
OPTIONS	: see page 32
CONTACTS	: see page 33 - 41,43
PT-100	: see page 42
TRANSMITTER	: see page 34,42

TYPE	MODEL	CASE DIAMETER (Ø in mm)				
		63	80	100	160	250
A 1140		TXC063XA	TXC080XA	TXC100XA	TXC160XA	TXC250XA
B 1142		TXC063XB	TXC080XB	TXC100XB	TXC160XB	TXC250XB
D 1141		TXC063XD	TXC080XD	TXC100XD	TXC160XD	TXC250XD
F 1148		TXC063XF	TXC080XF	TXC100XF	TXC160XF	TXC250XF
G 1145		TXC063XG	TXC080XG	TXC100XG	TXC160XG	TXC250XG
H 1146		TXC063XH	TXC080XH	TXC100XH	TXC160XH	TXC250XH
I -		TXC063XI	TXC080XI	TXC100XI	TXC160XI	TXC250XI
OPTION (see also page 32)		EXTRA COSTS				
Lx	LIQUID FILLED CASE: GLYCERINE (in combination with electrical device: Ondina oil, see page 43)	TXC063Lx	TXC080Lx	TXC100Lx	TXC160Lx	TXC250Lx

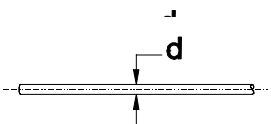
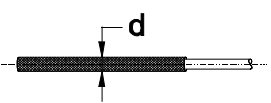
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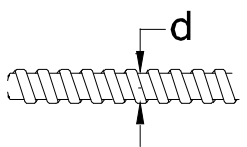
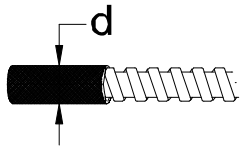
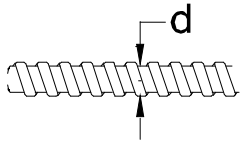
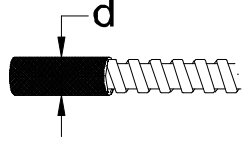
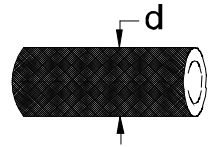
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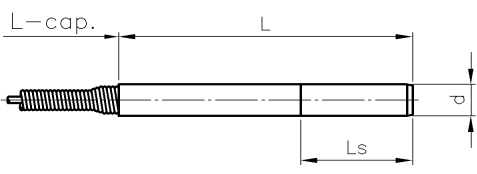
CAPILLARY

MATERIAL	MODEL	Ø d (mm)	Tmin	Tmax	CAPILLARY LENGTH Lc	
			°C		EXTRA COSTS	
STAINLESS STEEL AISI321 / 1.4541		2	-260	+800	per 1000 mm	
STAINLESS STEEL AISI321 / 1.4541 + PVC		4	-60	+120	per 1000 mm	

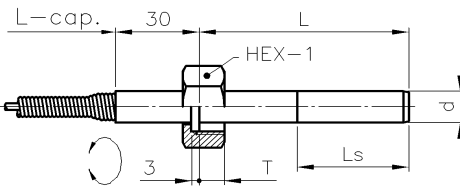
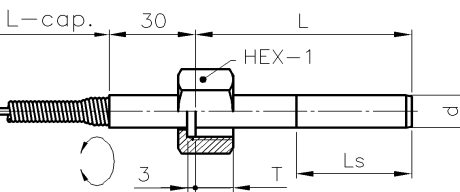
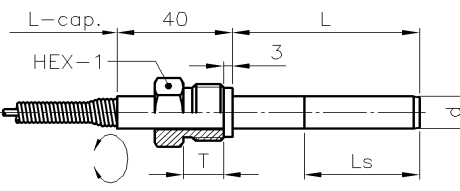
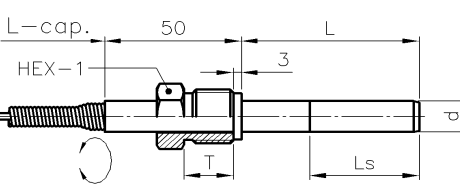
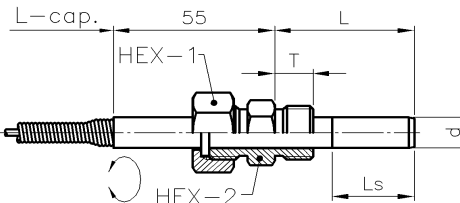
CAPILLARY COVERINGS for above mentioned capillary

MATERIAL	MODEL	Ø d (mm)	Tmin	Tmax	CAPILLARY LENGTH Lc	
			°C		FIRST 1000 MM	FURTHER PER 1000 MM
FLEXIBLE STAINLESS STEEL AISI304/1.4301		7	-260	+800		
FLEXIBLE STAINLESS STEEL AISI304/1.4301 +PVC		8	-60	+120		
FLEXIBLE STAINLESS STEEL AISI316/1.4401		7	-260	+800		
FLEXIBLE STAINLESS STEEL AISI316/1.4401 +PVC		7	-60	+120		
PLUMB (Pb)		16	-20	+200		

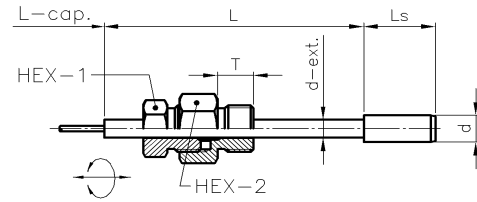
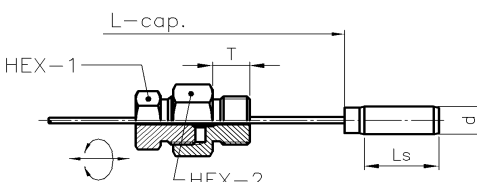
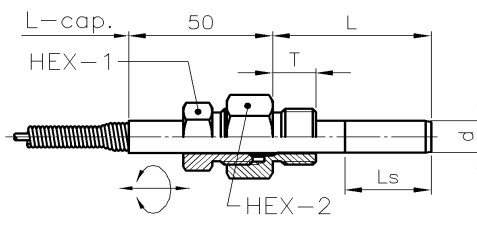
BULB LENGTH AND DIAMETER FOR TYPE TXC

TYPE	STANDARD MODEL	bulb diameter Ø d	EXTRA COSTS per 100 mm STAINLESS STEEL AISI321/1.4541
A <i>plain stem</i>		9, 10, 12	per 100 mm
		6, 6.35, 8, 11, 12.5, 13, 14	per 100 mm
		7, 15, 16, 17, 18, 20	per 100 mm
FOR SHORTEST SENSITIVE PART "Ls": SEE PAGE 31		FOR OPTIONS ON BULB LENGTH AND DIAMETER: SEE PAGE 27	

CONNECTIONS FOR CAPILLARY MODELS TYPE TXC

TYPE	MODEL	DIMENSIONS				EXTRA COSTS	
		connection	HEX-1	HEX-2	T	d max	STAINLESS STEEL AISI304/1.4301
B <i>coupling nut (standard model)</i>		1/4" BSP	22	-	7	Ø 8	
		3/8" BSP	27	-	9	Ø 11	
		1/2" BSP	27	-	9	Ø 15	
		3/4" BSP	32	-	9	Ø 20	
		1" BSP	41	-	13	Ø 20	
		M18x1.5	27	-	8	Ø 12	
		M20x1.5	27	-	9	Ø 14	
		M24x1.5	32	-	9	Ø 18	
BL <i>coupling nut (long model)</i>		1/2" BSP	27	-	14	Ø 15	
		3/4" BSP	32	-	16	Ø 20	
		1" BSP	41	-	18	Ø 20	
A04 <i>turning nipple (standard model)</i>		1/4" BSP	17	-	12	Ø 8	
		3/8" BSP	22	-	12	Ø 11	
		1/2" BSP	22	-	14	Ø 15	
		3/4" BSP	30	-	16	Ø 20	
		1" BSP	36	-	18	Ø 20	
		M18x1.5	22	-	12	Ø 12	
		M20x1.5	22	-	14	Ø 14	
M24x1.5	27	-	14	Ø 18			
AL04 <i>turning nipple (long model)</i>		1/2" BSP	22	-	20	Ø 15	
		3/4" BSP	30	-	20	Ø 20	
		1" BSP	36	-	25	Ø 20	
B 01 <i>coupling nut + double nipple</i>		1/4" BSP	27	22	12	Ø 8	
		3/8" BSP	27	22	12	Ø 11	
		1/2" BSP	27	22	14	Ø 15	
		3/4" BSP	27	27	16	Ø 20	
		1" BSP	27	36	18	Ø 20	
		1/4" NPT	27	22	14	Ø 8	
		1/2" NPT	27	22	20	Ø 15	
		3/4" NPT	27	27	20	Ø 20	
		1" NPT	27	36	25	Ø 20	
		M18x1.5	27	22	12	Ø 12	
		M20x1.5	27	22	14	Ø 14	
M24x1.5	27	27	14	Ø 18			
THREAD BETWEEN HEX-1 and HEX-2: 1/2" BSP							

CONNECTIONS FOR CAPILLARY MODELS TYPE TXC

TYPE	MODEL	DIMENSIONS				EXTRA COSTS	
		connection	HEX-1	HEX-2	T	d max	STAINLESS STEEL AISI304/1.4301
		CS 1 <i>adjustable connection, sliding on extension tube</i>	 <p>THREAD BETWEEN HEX-1 and HEX-2: 1/2"BSP</p>	1/4"BSP	22	27	12
3/8"BSP	22			27	12	Ø 14	
1/2"BSP	22			27	14	Ø 18	
3/4"BSP	22			32	16	Ø 23	
1"BSP	22			36	18	Ø 30	
1/4"NPT	22			27	14	Ø 13	
1/2"NPT	22			27	20	Ø 20	
3/4"NPT	22			27	20	Ø 25	
1"NPT	22			36	25	Ø 32	
M18x1.5	22			27	12	Ø 16	
M20x1.5	22			27	14	Ø 18	
M24x1.5	22			27	14	Ø 22	
CS 2 <i>adjustable connection, sliding on capillary</i>	 <p>THREAD BETWEEN HEX-1 and HEX-2: 1/2"BSP</p>			1/4"BSP	22	27	12
		3/8"BSP	22	27	12	Ø 14	
		1/2"BSP	22	27	14	Ø 18	
		3/4"BSP	22	32	16	Ø 23	
		1"BSP	22	36	18	Ø 30	
		1/4"NPT	22	27	14	Ø 13	
		1/2"NPT	22	27	20	Ø 20	
		3/4"NPT	22	27	20	Ø 25	
		1"NPT	22	36	25	Ø 32	
		M18x1.5	22	27	12	Ø 16	
		M20x1.5	22	27	14	Ø 18	
		M24x1.5	22	27	14	Ø 22	
		CS 3 <i>adjustable connection, sliding on stem</i>	 <p>THREAD BETWEEN HEX-1 and HEX-2: 1/2"BSP</p>	1/4"BSP	22	27	12
3/8"BSP	22			27	12	Ø 11	
1/2"BSP	22			27	14	Ø 15	
3/4"BSP	22			32	16	Ø 20	
1"BSP	22			36	18	Ø 20	
1/4"NPT	22			27	14	Ø 8	
1/2"NPT	22			27	20	Ø 15	
3/4"NPT	22			27	20	Ø 20	
1"NPT	22			36	25	Ø 20	
M18x1.5	22			27	12	Ø 12	
M20x1.5	22			27	14	Ø 14	
M24x1.5	22			27	14	Ø 18	
	FOR CONNECTION TYPE CS3			1/2"BSP female			
		3/4"BSP female					
		1"BSP female					

