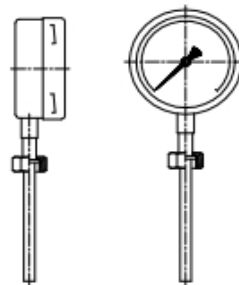


Type TXR, with stainless steel case according to EN 13190

STANDARD MODEL:

CASE	: bayonet lock, AISI304/1.4301, IP-65
STEM - BULB	: AISI321/1.4541, see page 8 - 11
WINDOW	: mineral glass 4 mm
DIAL	: aluminium, black figures on white
POINTER	: aluminium, black
CONNECTION	: see page 8 - 11
RANGES	: from -200 upto +800°C, see page 26-28

EXAMPLE:



TXR100XA

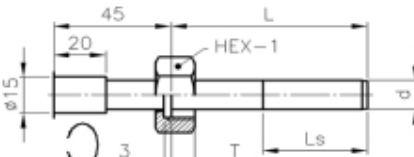
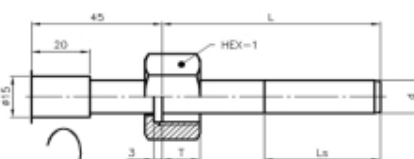
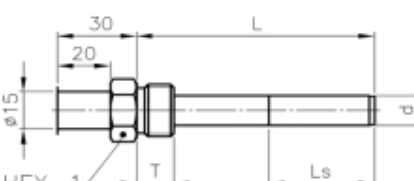
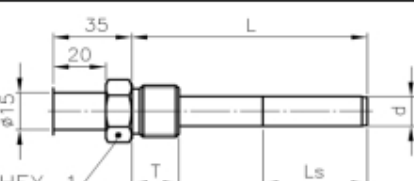
OVERLOAD	: up to 30% F.S. (but max. 800°C)
ACCURACY	: ±1% F.S. / class 1
MOVEMENT	: brass
OPTIONS	: see page 30
CONTACTS	: see page 31-34
PT-100	: see page 39
TRANSMITTER	: see page 39

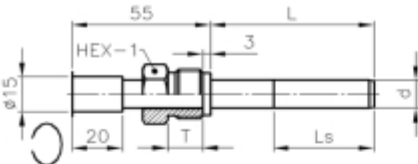
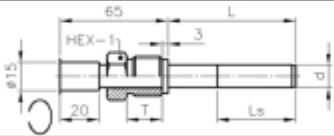
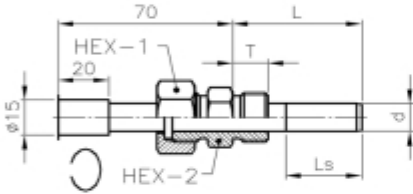
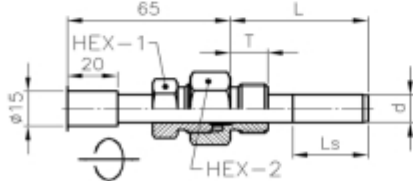
TYPE	MODEL	CASE DIAMETER (Ø in mm)				
		63	80	100	160	250
A 1130		TXR063XA	TXR080XA	TXR100XA	TXR160XA	TXR250XA
E 1131		TXR063XE	TXR080XE	TXR100XE	TXR160XE	TXR250XE
T 1133-x (x=A,B,C or D)		TXR063XT-x	TXR080XT-x	TXR100XT-x	TXR160XT-x	TXR250XT-x
F 1138		TXR063XF	TXR080XF	TXR100XF	TXR160XF	TXR250XF
OPTION		EXTRA COSTS				
Lx	LIQUID FILLED CASE: GLYCERINE (in combination with electrical device: Ondina oil, (see page 43)	TXR063Lx	TXR080Lx	TXR100Lx	TXR160Lx	TXR250Lx

BULB LENGTH AND DIAMETER FOR TYPE TXR

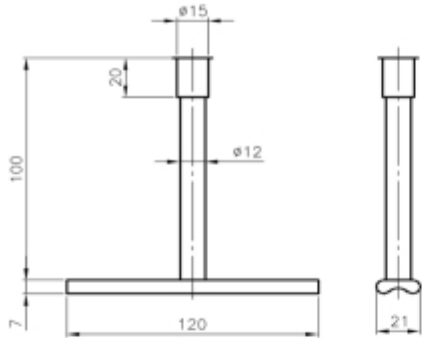
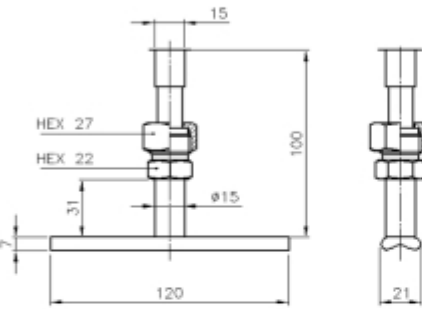
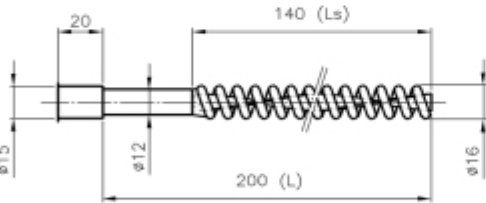
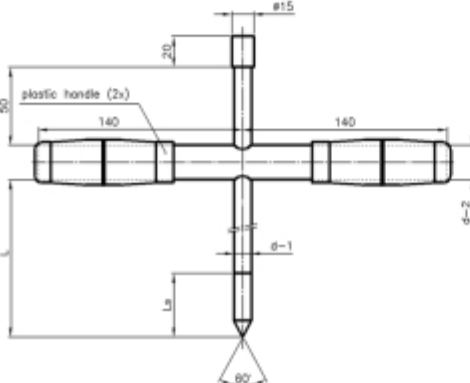
TYPE	STANDARD MODEL	bulb diameter Ø d	EXTRA COSTS per 100 mm STAINLESS STEEL AISI321/1.4541
A <i>plain stem</i>		9, 10, 12	per 100 mm
		6, 6.35, 8, 11, 12.5, 13, 14	per 100 mm
		7, 15, 16, 17, 18, 20	per 100 mm
		FOR SHORTEST SENSITIVE PART "Ls": SEE PAGE 31	
		FOR OPTIONS ON BULB LENGTH AND DIAMETER: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

CONNECTIONS FOR RIGID STEM MODELS TYPE TXR

TYPE	MODEL FOR OPTIONS ON CONNECTIONS: SEE PAGE 11	DIMENSIONS				EXTRA COSTS	
		connection	HEX-1	HEX-2	T	d max	STAINLESS STEEL AISI304/1.4301
B coupling nut (standard model)		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 coupling nut (long model)		1/2"BSP	27	-	14	Ø 15	
		3/4"BSP	32	-	16	Ø 20	
		1"BSP	41	-	18	Ø 20	
C fixed nipple (standard model)		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	
		1/4"NPT	17	-	14	Ø 8	
		1/2"NPT	22	-	20	Ø 15	
		3/4"NPT	30	-	20	Ø 20	
		1"NPT	36	-	25	Ø 20	
		M18x1.5	22	-	12	Ø 12	
		M20x1.5	22	-	14	Ø 14	
		M24x1.5	27	-	14	Ø 18	
CL fixed nipple (long model)		1/2"BSP	22	-	20	Ø 15	
		3/4"BSP	30	-	20	Ø 20	
		1"BSP	36	-	25	Ø 20	

CONNECTIONS FOR RIGID STEM MODELS TYPE TXR								
TYPE	MODEL FOR OPTIONS ON CONNECTIONS: SEE PAGE 11	DIMENSIONS				EXTRA COSTS		
		connection	HEX-1	HEX-2	T	d max STAINLESS STEEL AISI304/1.4301		
A 04 turning nipple (standard model)		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 turning nipple (long model)		1/2"BSP	22	-	18	Ø 15		
		3/4"BSP	30	-	20	Ø 20		
		1"BSP	36	-	25	Ø 20		
B 01 coupling nut + double nipple	 THREAD BETWEEN HEX-1 and HEX-2: 1/2"BSP	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		
		CS 3 adjustable connection, sliding on stem	 THREAD BETWEEN HEX-1 and HEX-2: 1/2"BSP	1/4"BSP	22	27	12	Ø 8
				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							

All other connections, if technically possible, EUR 75,00 for quantities of < 10 pieces per connection, larger quantities on request

TYPE	MODEL	DIMENSIONS			EXTRA COSTS
		L	d-1	d-2	STAINLESS STEEL AISI321/1.4541
S <i>surface bulb: fixed type</i>	 for L longer than 100 see page 8	-	-	-	
SA <i>surface bulb: adjustable type</i>	 for L longer than 100 see page 8 THREAD BETWEEN HEX-1 AND HEX-2: 1/2" BSP	-	-	-	
HA <i>helical air bulb</i>	 for L longer than 200 see page 8	-	-	-	
HP <i>with handle and point</i>	 for L longer than 1000 see page 8	1000	10 12	22	
		1000	14 16	22	
		1000	18	22	

TEMPERATURE RANGES for all types:

TEMPERATURE RANGES			EXTRA COSTS
(in °C)	SCALE DIVISION		CASE DIMENSIONS (in mm)
	cl. 1	option cl. 0.6	ALL CASE DIMENSIONS
-200 ...+50	5	2	
-120 ...+40	2	1	
-110 ...+50	5	1	
-100 ...+100	5	1	
-100 ...+50	5	1	
-80 ...+40	2	1	
-60 ...+40	2	0.5	
-60 ...+60	2	1	
-50 ...+50	2	0.5	
-50 ...+100	5	1	
-40 ...+20	1	0.5	
-40 ...+40	1	0.5	
-40 ...+60	2	0.5	
-40 ...+80	2	1	
-40 ...+110	5	1	
-40 ...+120	2	0.5	
-40 ...+160	5	1	
-30 ...+30	1	0.5	
-30 ...+50	1	0.5	
-30 ...+70	2	0.5	
-30 ...+170	5	1	
-20 ...+40	1	0.5	
-20 ...+60	1	0.5	
-20 ...+80	2	0.5	
-20 ...+100	2	1	
-20 ...+120	2	1	
-20 ...+180	5	1	
-15 ...+45	1	0.5	
-10 ...+15	0.5	0.2	
-10 ...+30	1	0.2	X
-10 ...+50	1	0.5	
-10 ...+110	2	1	
-10 ...+150	5	1	
0 ...+25	0.5	0.2	X
0 ...+40	1	0.2	
0 ...+60	1	0.5	
0 ...+80	1	0.5	
0 ...+100	2	0.5	
0 ...+120	2	1	
0 ...+160	5	1	
0 ...+200	5	1	
0 ...+250	5	2	
0 ...+300	5	2	
0 ...+400	10	2	
0 ...+500	10	5	
0 ...+600	10	5	
0 ...+700	10	5	
0 ...+800	10	5	

X NOT AVAILABLE

• STANDARD / NO EXTRA PRICE

ALMOST EVERY RANGE IS POSSIBLE! PRICES ON REQUEST