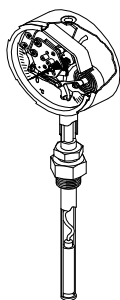


DIESEL EXHAUST DIAL THERMOMETERS

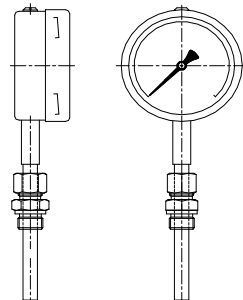


3-D view SECUTHERM® DIESEL

GENERAL INFORMATION

DIAL THERMOMETERS SPECIAL DESIGNED FOR:

- Diesel engines; for monitoring:
exhaust gas, cooling water, oil, air-inlet temperatures
- Compressors,
- Turbochargers,
- other machines subjected to severe vibrations
- max. temperature 800°C



SECUTHERM® DIESEL THERMOMETER

Type TXR-DIESEL, with stainless steel case according to EN 13190

STANDARD MODEL:

CASE : bayonet lock, AISI304/1.4301, IP-67
silicone oil filled

STEM AND BULB : 150 x Ø12 mm, AISI321/1.4541, see page 16

WINDOW : mineral glass 4 mm

DIAL : aluminium, black figures on white

POINTER : aluminium, black

CONNECTION : AISI304/1.4301, see page 16 - 17

RANGES : 0+600, 0+650, +50/+650°C, see page 29

ADJUSTMENT : +/- 6% F.S. with adjustment screw

OVERLOAD : up to 30% F.S. (but max. 800°C)

ACCURACY : ±1% F.S. / class 1

MOVEMENT : brass

OPTIONS : see page below + page 32

TYPE	MODEL	CASE DIAMETER (Ø in mm)		
		63	80	100
A 1130		TXR063LA-DIESEL	TXR080LA-DIESEL	TXR100LA-DIESEL
E 1131		TXR063LE-DIESEL	TXR080LE-DIESEL	TXR100LE-DIESEL

OPTION		CASE DIAMETER (Ø in mm)		
		63	80	100
+AVS ANTI-VIBRATION SPRING	EXAMPLE: 	TXR063Lx-DIESEL+AVS	TXR080Lx-DIESEL+AVS	TXR100Lx-DIESEL+AVS
CAPILLARY CAPILLARY TYPE DIESEL THERMOMETER	EXAMPLE: 	SEE PAGE 19	SEE PAGE 19	SEE PAGE 19

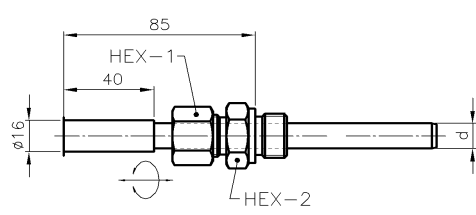
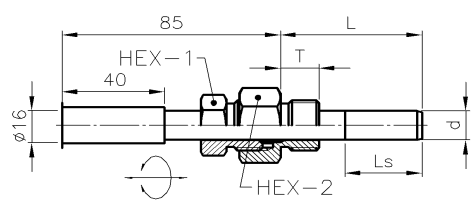
BULB LENGTH AND DIAMETER FOR TYPE TXR-DIESEL

TYPE	STANDARD MODEL	bulb and stem L=150 mm x Ø d AISI321/1.4541	EXTRA COSTS per 50 mm extra
A <i>plain stem</i>		10 and 12	
		13 and 14	
		16 and 18	

CONNECTIONS FOR TYPE TXR-DIESEL

TYPE	MODEL	DIMENSIONS					EXTRA COSTS
		connection	HEX-1	HEX-2	T	d max	
B <i>coupling nut (standard model)</i>		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	Ø15	
		3/4"BSP	32	-	16	Ø 20	
		1"BSP	41	-	18	Ø 20	
B 01 <i>coupling nut + double nipple</i>	THREAD BETWEEN HEX-1 AND HEX-2: 1/2"BSP	1/2"BSP	27	22	14	Ø15	
		3/4"BSP	27	27	16	Ø 20	
		1"BSP	27	36	18	Ø 20	
		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	

CONNECTIONS FOR TYPE TXR-DIESEL

TYPE	MODEL	DIMENSIONS					EXTRA COSTS
		connection	HEX-1	HEX-2	T	d max	
CS 3 adjustable connection, sliding on stem STEEL	 THREAD BETWEEN HEX-1 and HEX-2: 1/2"BSP	1/2"BSP only for d=Ø10 and Ø12	22	27	14	Ø 10 and Ø 12	
		3/4"BSP only for d=Ø10, Ø12 and Ø16	22	32	16	Ø 10, Ø12 and Ø16	
CS 3 adjustable connection, sliding on stem AISI304/1.4301	 THREAD BETWEEN HEX-1 and HEX-2: 1/2"BSP	1/2"BSP	22	27	14	Ø 15	
		3/4"BSP	22	32	16	Ø 20	
		1"BSP	22	36	18	Ø 20	
		1/2"NPT	22	27	20	Ø 15	
		3/4"NPT	22	32	20	Ø 20	
		1"NPT	22	36	25	Ø 20	
		M18x1.5	22	27	12	Ø12	
		M20x1.5	22	27	14	Ø 14	
		M24x1.5	22	27	14	Ø 18	
NOTE: FOR POCKETS AND THERMOWELLS; SEE PAGE 44 - 47							