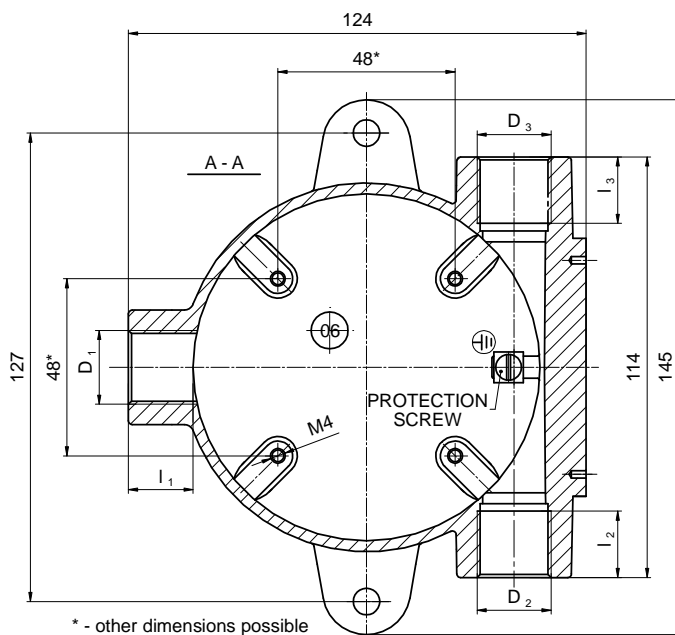
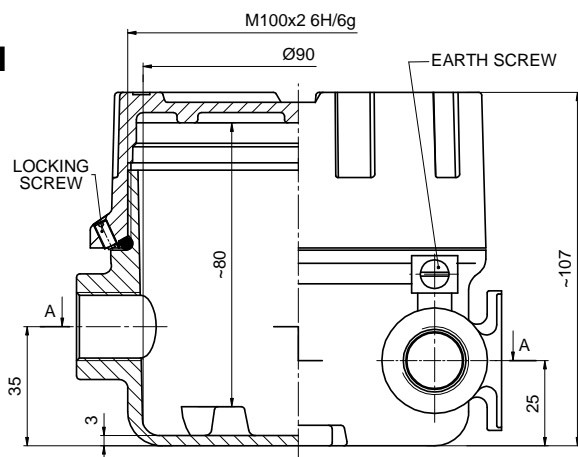


## INSTRUMENT HOUSING – type XD-SI

**XD-SI**






**Material of housing:** stainless steel DIN 1.4401, AISI 316

**Service temperature:**  $T_{serv} = -50 \div 150^{\circ}\text{C}$  (85°C with window) – VMQ silicone rubber  
 $T_{serv} = -20 \div 200^{\circ}\text{C}$  (85°C with window) – FKM rubber

THREAD $D_3$	$l_2$ [mm]	THREAD $D_2$	$l_3$ [mm]	THREAD $D_1$	$l_1$ [mm]	SEAL MATERIAL
M20x1.5 M24x1.5 M25x1.5	18	M20x1.5 M24x1.5 M25x1.5	18	M24x1.5 M20x1.5 M25x1.5 M27x2	18	4
½ NPT mod ¾ NPT mod	16	½ NPT mod ¾ NPT mod	16	½ NPT mod ¾ NPT mod	16	5
PD		PD		PD		

### PROTECTION CONCEPT

Type of protection ATEX Marking	Type of protection IECEX Marking	Permitted use	Certificate No.	Protection Principle
1026  I M2 Ex db I Mb	Ex db I Mb	----	FTZU 07 ATEX 0002U  IECEX FTZU 10.0010U	Contain the explosion and quench the flame
1026  II 2G Ex db IIC Gb	Ex db IIC Gb	Zone 1, Zone 2		
1026  II 2D Ex tb IIIC Db	Ex tb IIIC Db	Zone 21, Zone 22		

## ORDERING

<b>XD-SI...</b>		-	<b>../..</b>	-	<b>../..</b>	-	<b>../..</b>
<b>Type of instrument housing</b>							
<b>Version of instrument housing</b>							
= blind cover							
<b>win</b> = cover with window							
<b>Lwin</b> = low cover with window							
<b>Material of seal</b>							
4 = VMQ rubber							
5 = FKM rubber							
<b>Symbol of conduit thread D<sub>3</sub> - D<sub>2</sub></b> Standard: M2 = M20x1,5 N2 = ½ NPTmod – modified ac. to OIT-17/03 N3 = ¾ NPTmod – modified ac. to OIT-17/03 On request: M24 = M24x1.5 M25 = M25x1.5 PD = plugged <b>Notice:</b> Type: "size of thread / PD" if thread is plugged, e.g. <b>M2/PD</b> , etc.							
<b>Symbol of process thread D<sub>1</sub></b> Standard: M25 = M25x1.5 N2 = ½ NPTmod – modified ac. to OIT-17/03 N3 = ¾ NPTmod – modified ac. to OIT-17/03 On request: M2 = M20x1,5 M24 = M24x1.5 M27 = M27x2 PD = plugged <b>Notice:</b> Type: "size of thread / PD" if thread is plugged, e.g. <b>M2/PD</b> , etc.							

### STANDARD PRODUCTS:

**XD-SI4-D<sub>3</sub>-D<sub>2</sub>-D<sub>1</sub>**

Sample: XD-SI4-M2-M2-M25

XD-SIwin4-N3-N3/PD-N3

PROTECTION DEGREE	
IP	D <sub>3</sub> , D <sub>2</sub> , D <sub>1</sub>
54	threaded connection without sealing
68	threaded connection with additional sealing

