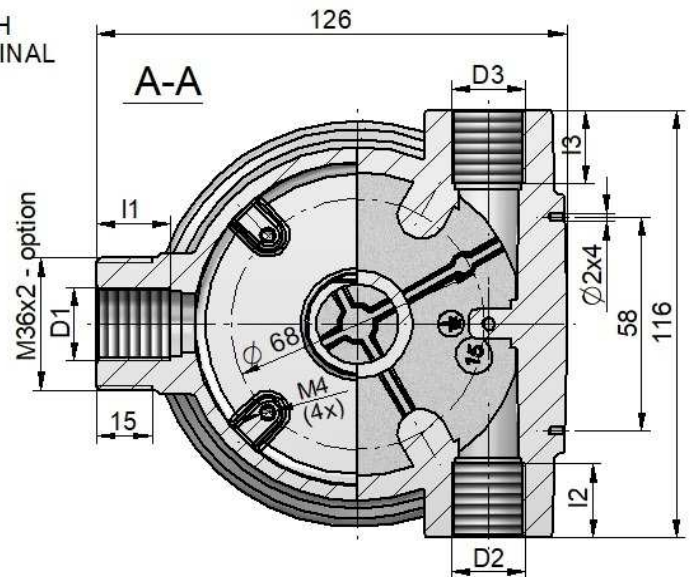
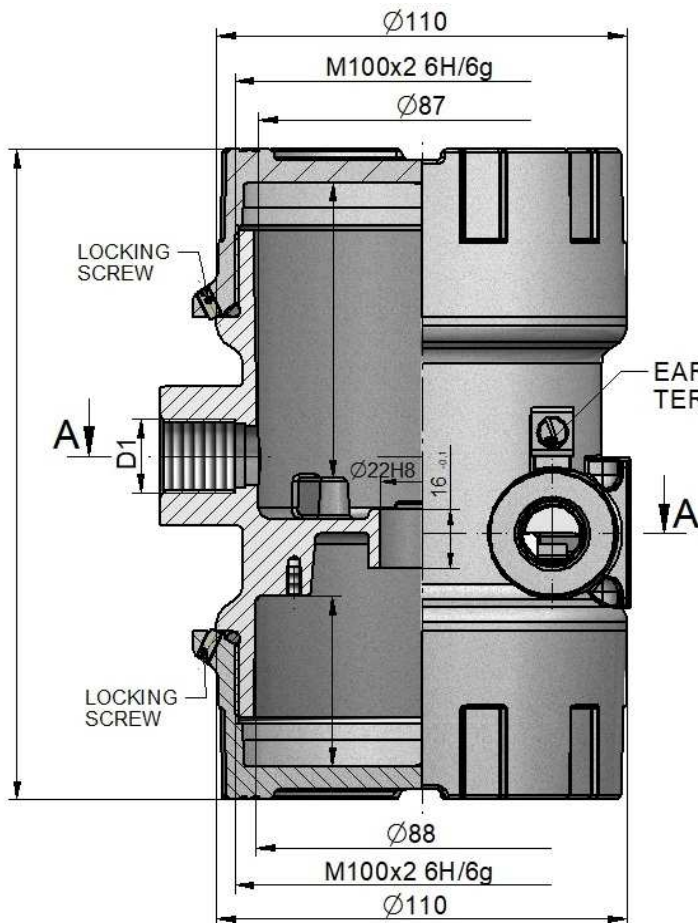


TWO-COMPARTMENT INSTRUMENT HOUSING – type XD-SID100



Material of body and cover: stainless steel DIN 1.4401 (AISI 316)

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

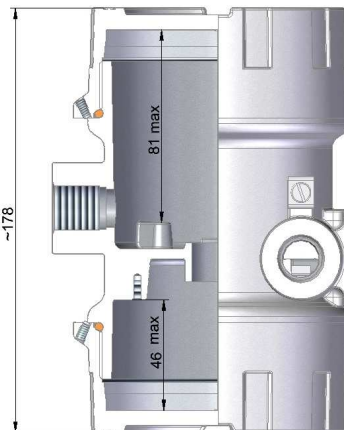
$T_{serv} = -20 \div 200^{\circ}\text{C}$ (85°C with window) – FKM rubber

THREAD D_3	l_3 [mm]	THREAD D_2	l_2 [mm]	THREAD D_1	l_1 [mm]	SEAL MATERIAL
M20x1.5 M24x1.5 M25x1.5	19	M20x1.5 M24x1.5 M25x1.5	19	M20x1.5 M24x1.5 M25x1.5 M27x2	19	VMQ
½ NPT mod ¾ NPT mod	16,2	½ NPT mod ¾ NPT mod	16,2	½ NPT mod ¾ NPT mod	16,2	FKM
PD		PD		PD		

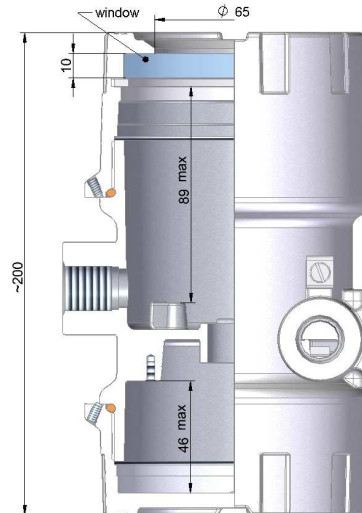
PROTECTION CONCEPT

Type of protection		Permitted use	Certificate No.	Protection Principle
ATEX Marking	IECEx Marking			
I M2 Ex db I Mb	Ex db I Mb	----	FTZU 15 ATEX 0142U IECEx FTZU 15.0037U	Contain the explosion and quench the flame
II 2G Ex db IIC Gb	Ex db IIC Gb	Zone 1, Zone 2		
II 2D Ex tb IIIC Db	Ex tb IIIC Db	Zone 21, Zone 22		

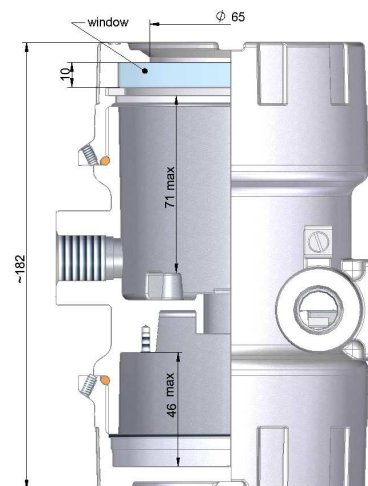
XD-SID100



XD-SID100win



XD-SID100Lwin



ORDERING

XD-SID100... - .

- .. / ..

- .. / ..

- .. / .. / ..

Type of instrument housing

Version of instrument housing

= standard
win = cover with window
Lwin = low cover with window

Material of seal

4 = VMQ rubber 5 = FKM rubber

Symbol of conduit thread $D_3 - D_2$

Standard:

M2 = M20x1.5

N2 = 1/2 NPTmod – modified +1/2 to +1 thread deeper

N3 = 3/4 NPTmod – modified +1/2 to +1 thread deeper

Notice:Type: "size of thread / PD" if thread is plugged, e.g. **M2/PD**, etc.

On request:

M24 = M24x1.5

M25 = M25x1.5

PD = plugged

Symbol of process thread D_1

Standard:

M25 = M25x1.5

N3 = 3/4 NPTmod – modified +1/2 to +1 thread deeper

On request:

M2 = M20x1.5

M24 = M24x1.5

M27 = M27x2

N2 = 1/2 NPTmod – modified +1/2 to +1 thread deeper

PD = plugged

Notice:Type: "size of thread / PD" if thread is plugged ex. **M2/PD**, etc.Outside thread on D_1 connector

M36 = M36x2 – non-flameproof male thread

STANDARD PRODUCTS:

XD-SID100-4- D_3 - D_2 - D_1 **XD-SID100win-4- D_3 - D_2 - D_1**

Sample:

XD-SID100-4-M2-M2-M25/M36

XD-SID100win-4-N3/PD-N3-N3

PROTECTION DEGREE

IP	D_3, D_2, D_1
54	threaded connections without additional sealing
68	threaded connections with additional sealing