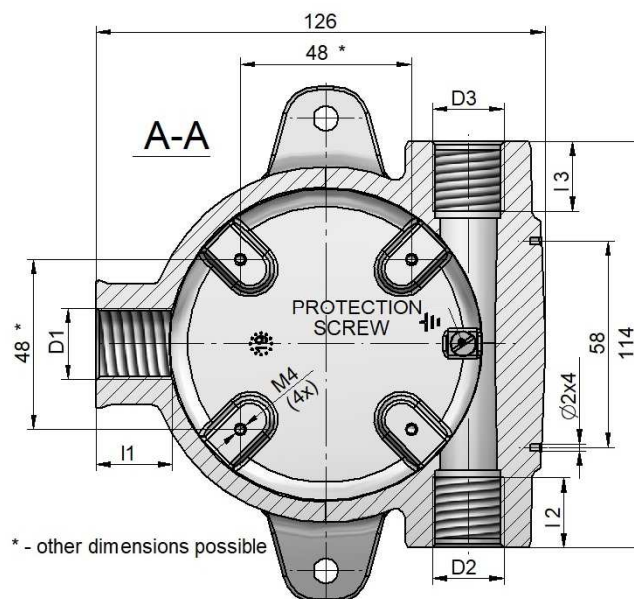
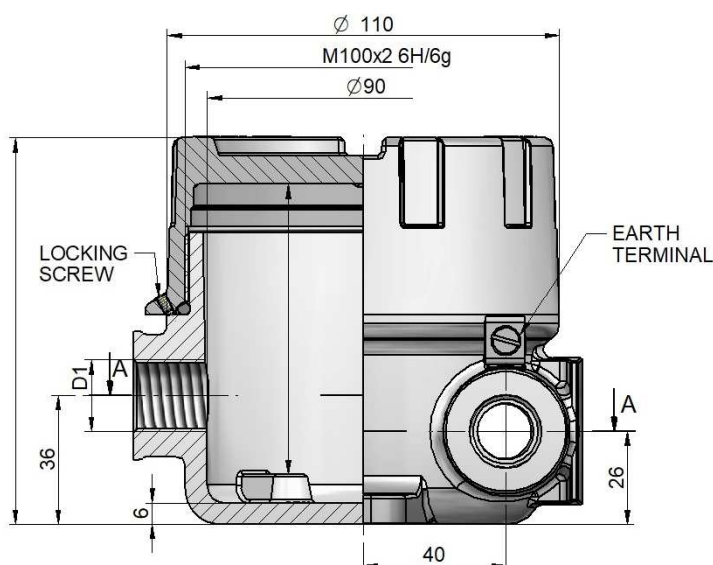


INSTRUMENT HOUSING – type XD-I



Material of body and cover: aluminium pressure die-casting

Service temperature: $T_{serv} = -40 \div 100^{\circ}\text{C}$ (85°C with window) – oil proof TPE rubber

$T_{\text{serv}} = -40 \div 100^{\circ}\text{C}$ (85°C with window) – silicone VMQ rubber



$T_{\text{serv}} = -60 \div 150^{\circ}\text{C}$ – silicone VMQ rubber (for XD-IP version)

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

Coating: yellow chromating and chemically resistant paint (outside only)

THREAD D ₃	l ₃ [mm]	THREAD D ₂	l ₂ [mm]	THREAD D ₁	l ₁ [mm]	SEAL MATERIAL	COATING
M20×1.5 M24×1.5 M25×1.5	20	M20×1.5 M24×1.5 M25×1.5	20	M20×1.5 M24×1.5 M25×1.5 M27×2	20	TPE VMQ	SE SPU
½ NPT mod ¾ NPT mod	19	½ NPT mod ¾ NPT mod	19	½ NPT mod ¾ NPT mod	19	FKM	Cal
PD		PD		PD			

PROTECTION CONCEPT

Type of protection		Permitted use	Certificate No.	Protection Principle
ATEX marking	IECEx marking			
1026  II2G Ex db IIC Gb	Ex db IIC Gb	Zone 1, Zone 2 Zone 21, Zone 22	FTZU 03 ATEX 0207U IECEx FTZU 12.0017U	Contain the explosion and quench the flame
1026  II2D Ex tb IIIC Db	Ex tb IIIC Db			

ORDERING

XD-I... - . <div style="border: 1px solid black; padding: 2px; margin-top: 5px;"> Type of instrument housing </div> <div style="border: 1px solid black; padding: 2px; margin-top: 5px;"> Version of instrument housing = standard H = high cover win = cover with window Lwin = low cover with window Hwin = high cover with window P = standard, increased strength (80 bars) </div> <div style="border: 1px solid black; padding: 2px; margin-top: 5px;"> Material of seal 3 = TPE rubber 4 = VMQ rubber 5 = FKM rubber </div> <div style="border: 1px solid black; padding: 2px; margin-top: 5px;"> Symbol of conduit thread D₃ - D₂ Standard: On request: M2 = M20×1.5 M24 = M24×1.5 N2 = ½ NPTmod – modified +1/2 to +1 thread deeper M25 = M25×1.5 N3 = ¾ NPTmod – modified +1/2 to +1 thread deeper PD = plugged Notice: Type: "size of thread / PD" if thread is plugged, e.g. M2/PD, etc. </div> <div style="border: 1px solid black; padding: 2px; margin-top: 5px;"> Symbol of process thread D₁ Standard: On request: M25 = M25×1.5 M2 = M20×1.5 N3 = ¾ NPTmod – modified +1/2 to +1 thread deeper M24 = M24×1.5 M27 = M27×2 N2 = ½ NPTmod – modified +1/2 to +1 thread deeper PD = plugged Notice: Type: "size of thread / PD" if thread is plugged ex. M2/PD, etc. </div> <div style="border: 1px solid black; padding: 2px; margin-top: 5px;"> Symbol of paint type SE – spray epoxy – standard; SPU – spray polyurethane (on SE layer); C – creodur </div> <div style="border: 1px solid black; padding: 2px; margin-top: 5px;"> Paint colour RAL 9006, RAL 5005, RAL 5015, RAL 7032, RAL 9002, RAL 9007, RAL 1007 RAL 1003, RAL 7035, RAL 9010 al = alu natural colour (for C paint type only) </div>	- .. / .. - .. / .. - .. / .. - ..
---	---

STANDARD PRODUCTS:

XD-I4-D₃-D₂-D₁-SE RAL9006

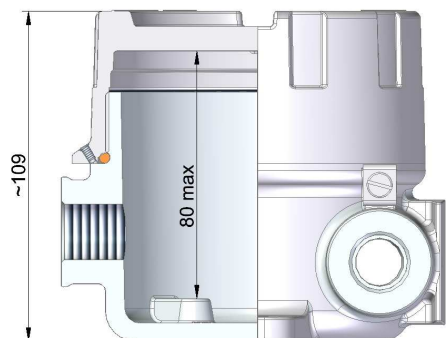
Sample:

XD-I4-M2-M2-M25-SE RAL9006

XD-Iwin-4-N3/PD-N3-N3-SE RAL9006

PROTECTION DEGREE	
IP	D ₃ , D ₂ , D ₁
54	threaded connections without additional sealing
68	threaded connections with additional sealing

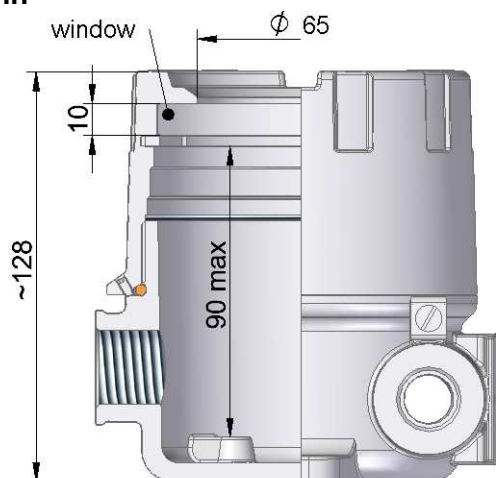
XD-I



XD-IP



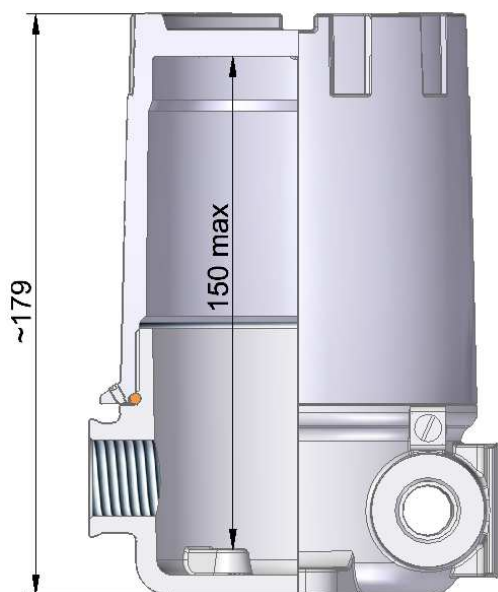
XD-Iwin



XD-IIwin



XD-IH



XD-IHwin

