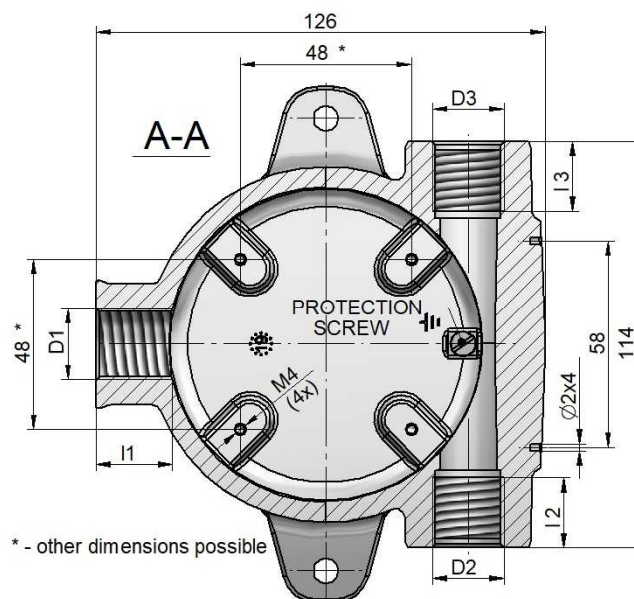
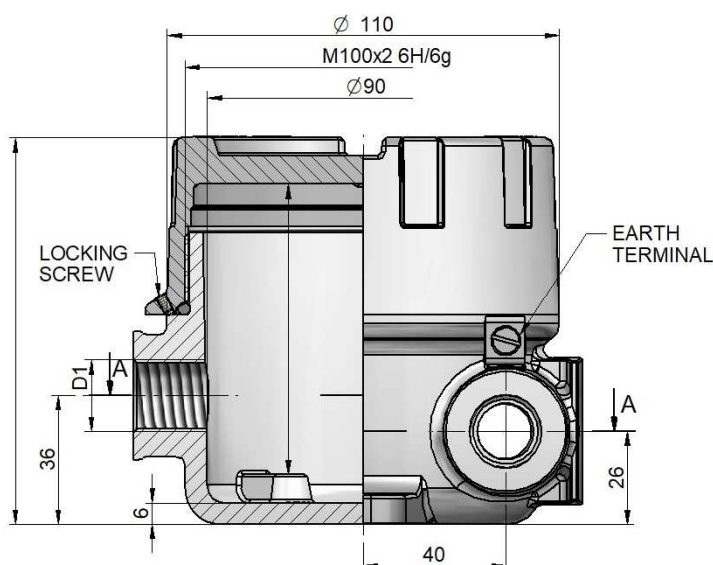


## INSTRUMENT HOUSING – type XD-I



**Material of body and cover:** aluminium pressure die-casting

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

$T_{\text{serv}} = -40 \div 100^{\circ}\text{C}$  ( $85^{\circ}\text{C}$  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 <sub>3</sub>	l <sub>3</sub> [mm]	THREAD D <sub>2</sub>	l <sub>2</sub> [mm]	THREAD D <sub>1</sub>	l <sub>1</sub> [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

<b>XD-I... - .</b> <div style="border: 1px solid black; padding: 2px; margin-top: 5px;"> <b>Type of instrument housing</b> </div> <div style="border: 1px solid black; padding: 2px; margin-top: 5px;"> <b>Version of instrument housing</b>          = standard  <b>H</b> = high cover  <b>win</b> = cover with window  <b>Lwin</b> = low cover with window  <b>Hwin</b> = high cover with window  <b>P</b> = standard, increased strength (80 bars)       </div> <div style="border: 1px solid black; padding: 2px; margin-top: 5px;"> <b>Material of seal</b>          3 = TPE rubber      4 = VMQ rubber      5 = FKM rubber       </div> <div style="border: 1px solid black; padding: 2px; margin-top: 5px;"> <b>Symbol of conduit thread D<sub>3</sub> - D<sub>2</sub></b>          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  <b>Notice:</b>          Type: "size of thread / PD" if thread is plugged, e.g. <b>M2/PD</b>, etc.       </div> <div style="border: 1px solid black; padding: 2px; margin-top: 5px;"> <b>Symbol of process thread D<sub>1</sub></b>          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  <b>Notice:</b>          Type: "size of thread / PD" if thread is plugged ex. <b>M2/PD</b>, etc.       </div> <div style="border: 1px solid black; padding: 2px; margin-top: 5px;"> <b>Symbol of paint type</b>          SE – spray epoxy – standard; SPU – spray polyurethane (on SE layer); C – creodur       </div> <div style="border: 1px solid black; padding: 2px; margin-top: 5px;"> <b>Paint colour</b>          RAL 9006, RAL 5005, RAL 5015, RAL 7032, RAL 9002, RAL 9007, RAL 1007 RAL 1003, RAL 7035, RAL 9010  <b>al</b> = alu natural colour (for C paint type only)       </div>	<b>- .. / .. - .. / .. - .. / .. - ..</b>
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## STANDARD PRODUCTS:

### **XD-I4-D<sub>3</sub>-D<sub>2</sub>-D<sub>1</sub>-SE RAL9006**

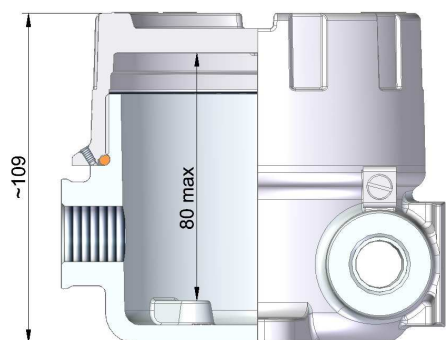
Sample:

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

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

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

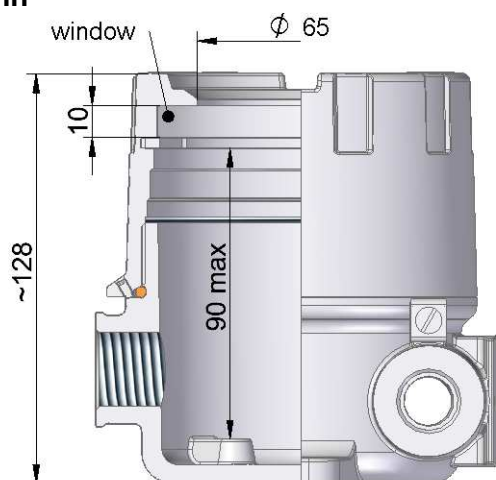
**XD-I**



**XD-IP**



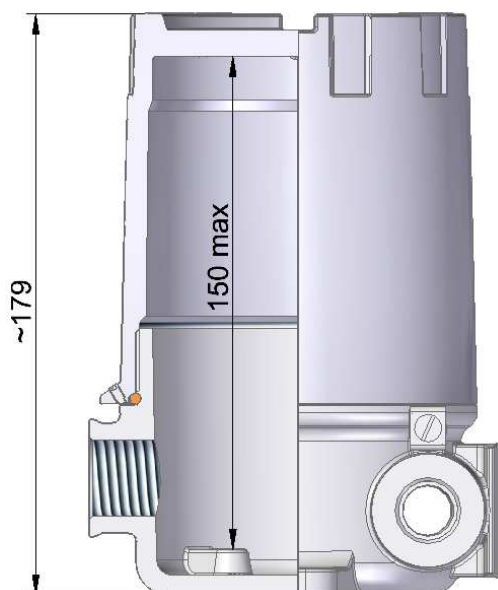
**XD-Iwin**



**XD-IIwin**



**XD-IH**



**XD-IHwin**

