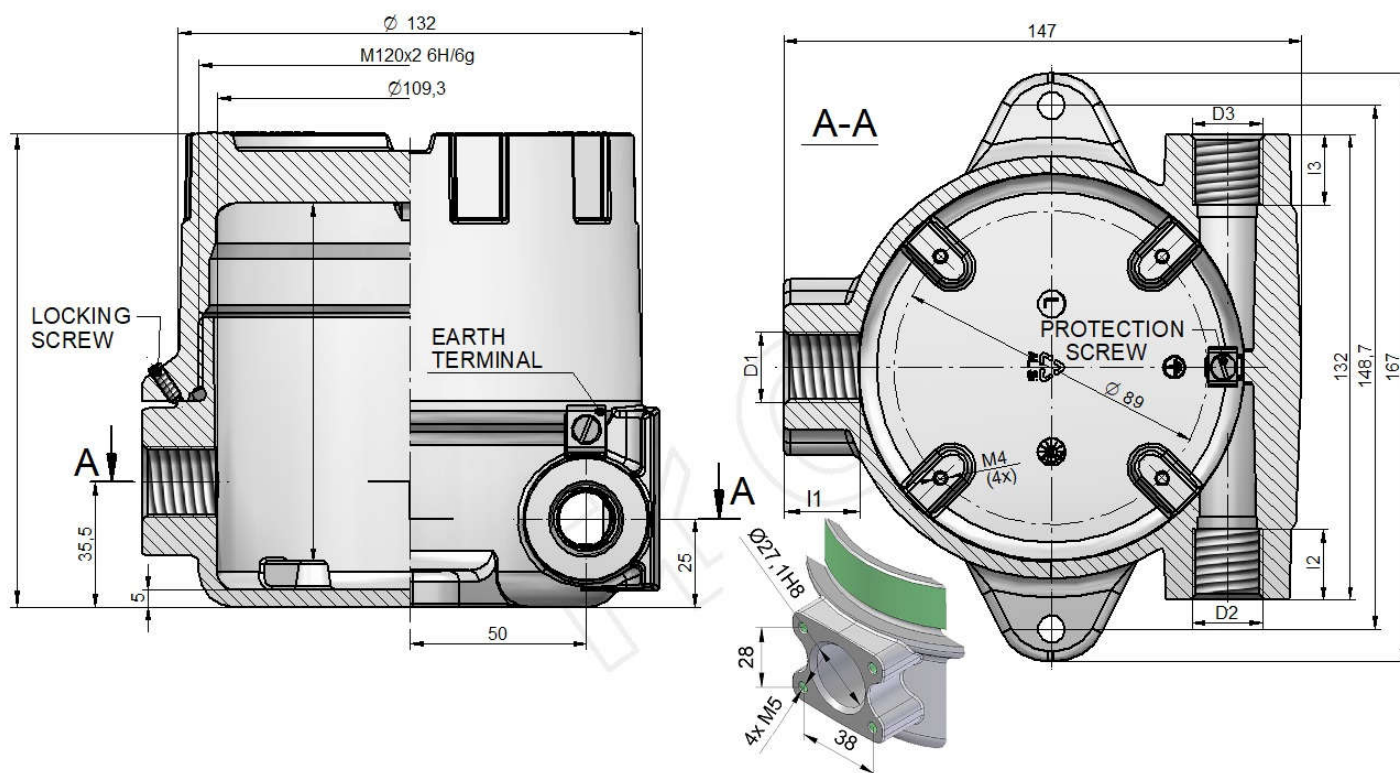


INSTRUMENT HOUSING – type XD-120



Material of body and cover: aluminium pressure die-casting

Service temperature: $T_{serv} = -40 \div 150^{\circ}\text{C}$ (85°C with window) – silicone VMQ rubber

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

Coating: 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	VMQ	SE
½ NPT mod ¾ NPT mod	16	½ NPT mod ¾ NPT mod	16	½ NPT mod ¾ NPT mod	16	FKM	Cal SPU
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 II C Gb	Zone 1, Zone 2	FTZU 08 ATEX 0181U	Contain the explosion and quench the flame
1026 II2D Ex tb IIIC Db	Ex tb III C Db	Zone 21, Zone 22	IECEx FTZU 11.0012U	

ORDERING

XD-120... - .

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Type of instrument housing

Version of instrument housing

= standard
L = low cover
H = high cover
win = cover with window
Lwin = low cover with window of thickness 15mm
Lwin10 = low cover with window of thickness 10mm
Hwin = high cover with window

Material of seal

4 = VMQ rubber
 5 = FKM rubber

Symbol of conduit thread D₃ - D₂

Standard:

M2 = M20×1.5
 N2 = ½ NPTmod – modified acc. to OIT-17/03
 N3 = ¾ NPTmod – modified acc. to OIT-17/03

On request:

M24 = M24×1.5
 M25 = M25×1.5
 PD = plugged

Notice:

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

Symbol of process thread D₁ or hole diameter/M5

Standard:

M2 = M20×1.5
 N2 = ½ NPTmod – modified +1/2 to 1 thread deeper
 N3 = ¾ NPTmod – modified +1/2 to 1 thread deeper

On request:

27.1 = Ø27.1 H8
 M24 = M24×1.5
 M25 = M25×1.5
 M27 = M27×2
 PD = plugged

Notice:

Type: "size of thread / PD" if thread is plugged e.g. **M2/PD**, **M24/PD/M5**, etc.

Symbol of paint type

SE – spray epoxy – standard; **SPU** – spray polyurethane (on se layer); **C** – creodur

Symbol of paint colour

RAL 9006, RAL 1007, RAL 1003, RAL 5005, RAL 5015, RAL 7032, RAL 7035, RAL 9002, RAL 9007, RAL 9010
 al = alu natural colour (for C paint type only)

STANDARD PRODUCTS:

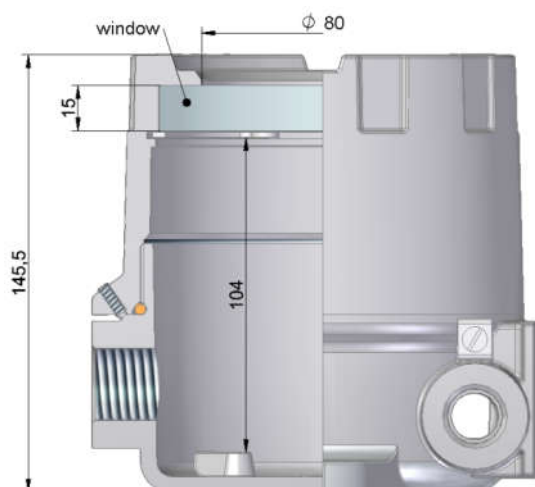
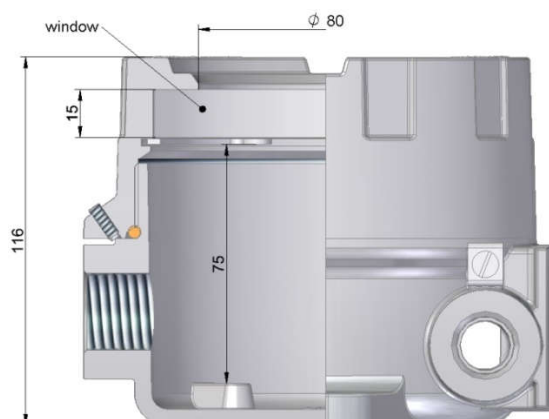
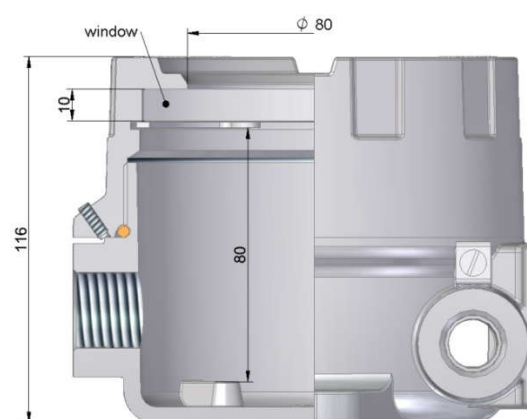
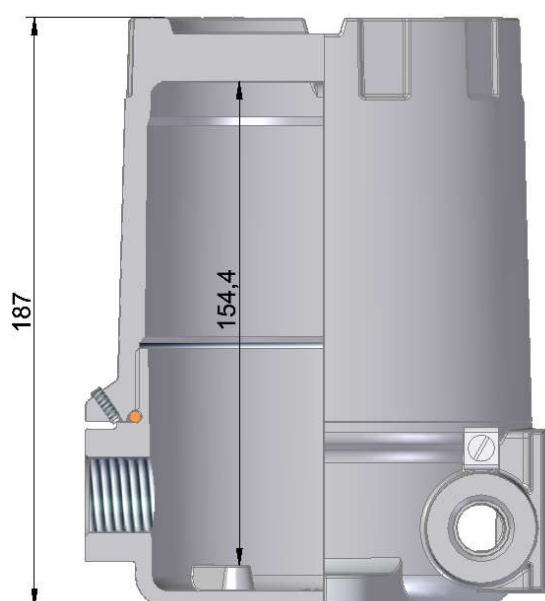
XD-120-4-D₃-D₂-D₁-SE RAL9006

Sample:

XD-120-4-M2-M2-M2-SE RAL9006

XD-120win-4-N3-N3/PD-N3-SE RAL9006

PROTECTION DEGREE	
IP	D ₃ , D ₂ , D ₁
54	threaded connection without additional sealing
65	threaded connection with additional sealing

XD-120win**XD-120L****XD-120Lwin****XD-120Lwin10****XD-120H****XD-120Hwin**