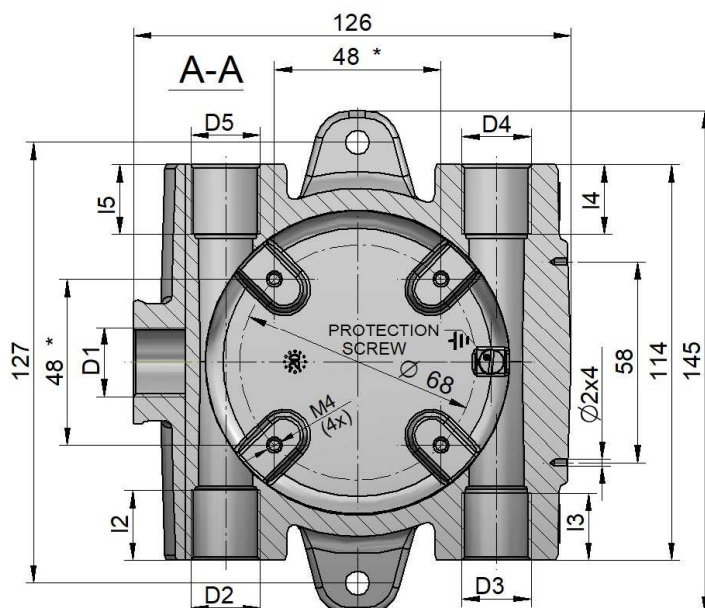
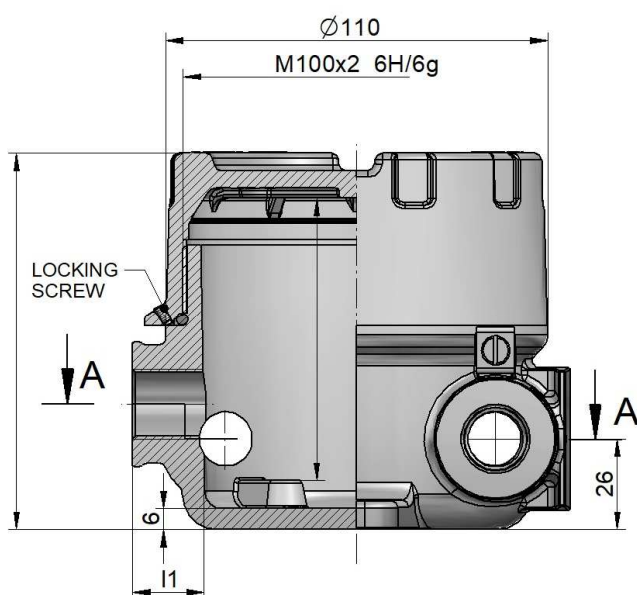


INSTRUMENT HOUSING – type XD-FI



* - other dimensions possible



Material of body and cover: aluminium pressure die-casting

Service temperature: $T_a = -40 \div 212^\circ\text{F} / -40 \div 100^\circ\text{C}$ (212°F / 100°C with window) – oil proof TPE rubber

$T_a = -40 \div 302^\circ\text{F} / -40 \div 150^\circ\text{C}$ (212°F / 100°C with window) – silicone rubber

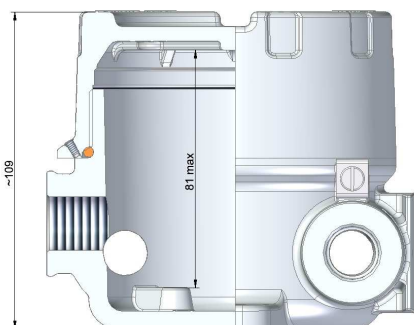
$T_a = -4 \div 392^\circ\text{F} / -20 \div 200^\circ\text{C}$ (212°F / 100°C with window) – FKM rubber

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

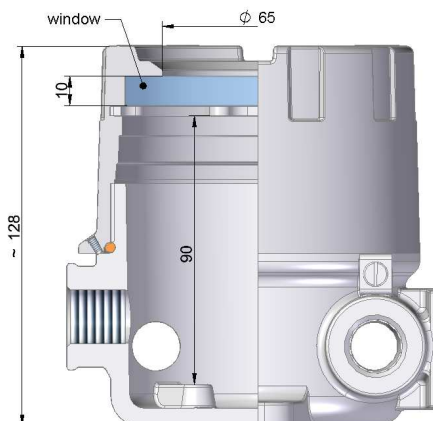
THREAD D_5	l_5 [mm]	THREAD D_4	l_4 [mm]	THREAD D_3	l_3 [mm]	THREAD D_2	l_2 [mm]	THREAD D_1	l_1 [mm]	SEAL MATERIAL	COATING
M20x1.5 M24x1.5 M25x1.5	20	M20x1.5 M24x1.5 M25x1.5	20	M20x1.5 M24x1.5 M25x1.5	20	M20x1.5 M24x1.5 M25x1.5	20	M20x1.5 M24x1.5 M25x1.5 M27x2	20	TPE VMQ FKM	SE Cal SPU
1/2 NPT mod 3/4 NPT mod	16	1/2 NPT mod 3/4 NPT mod	16	1/2 NPT mod 3/4 NPT mod	16	1/2 NPT mod 3/4 NPT mod	16	1/2 NPT mod 3/4 NPT mod	16		
PD		PD		PD		PD		PD			

Type of protection	Marking	Permitted use	Certificate No.	Protection principle
Explosionproof	Class I, Groups A,B,C,D Class II, Groups E,F,G; Class III Enclosure type: 4x	Division 1 Division 2	FM18US0036U	Contain the explosion and quench the flame
Flameproof	Class I, Zone 1, AEx db II C, IP66	Zone 1, Zone 2		

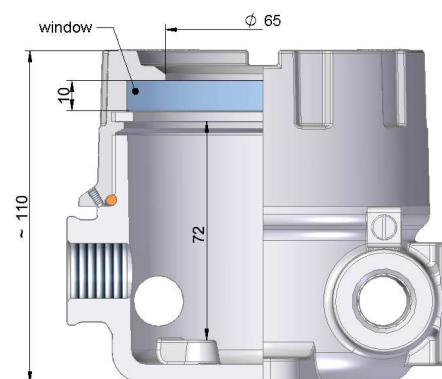
XD-FI



XD-FIwin



XD-FILwin



ORDERING

XD-FI... - .. / .. - .. / .. - .. / .. - .. / .. - .. / .. - .. / .. - ..

Type of instrument housing

Version of instrument housing

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

Material of seal

3 = TPE rubber
 4 = VMQ rubber
 5 = FKM rubber

Symbol of conduit thread D₅ - D₄ - D₃ - D₂

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:

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

Standard:

M25 = M25×1.5
 N3 = ¾ NPTmod – modified +1/2 to +1 thread deeper

On request:

M2 = M20×1.5
 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.

Symbol of paint type

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

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)

STANDARD PRODUCT:

XD-FI4-D₅-D₄-D₃-D₂-D₁-SE RAL9006

Sample:

XD-FI4-M2-M2-M2-M2-M25-SE RAL9006

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

PROTECTION AGAINST WATER and DUST INGRESS
 (Enclosure Type NEMA 4X)

	IP	D ₅ , D ₄ , D ₃ , D ₂ , D ₁
NO	54	threaded connection without additional sealing
YES	66	threaded connection with additional sealing