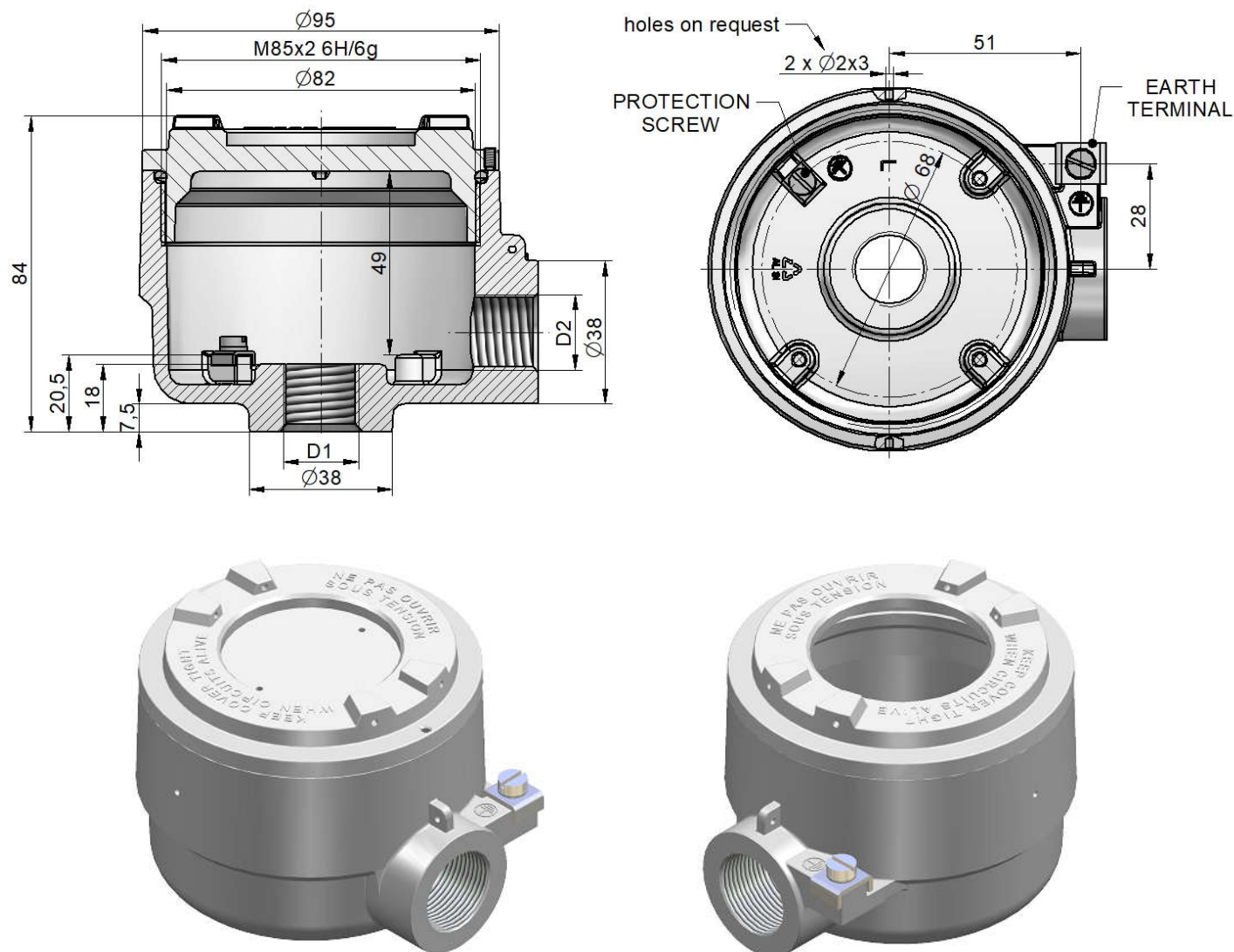


## INSTRUMENT HOUSING – type XD-JBA



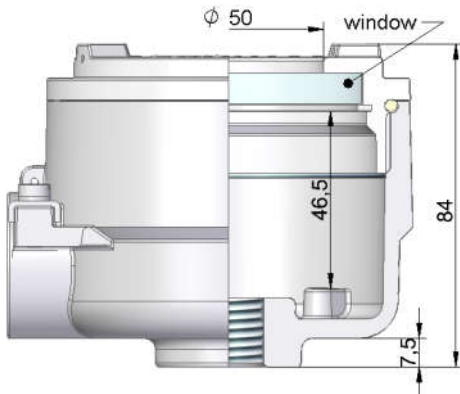
**Material of body and cover:** aluminium pressure die-casting  
**Service temperature:**  $T_{serv} = -40 \div 100^{\circ}\text{C}$  (85°C with window) – silicone VMQ rubber  
 $T_{serv} = -20 \div 200^{\circ}\text{C}$  (85°C with window) – FKM rubber  
**Coating:** chromating and chemically resistant paint (outside only)

THREAD $D_2$	THREAD $D_1$	SEAL MATERIAL	COATING
M20×1.5 M24×1.5 M25×1.5	M20×1.5 M24×1.5 M25×1.5 M27×2	VMQ	SE Cal SPU
½ NPT mod ¾ NPT mod	½ NPT mod ¾ NPT mod	FKM	PPU P

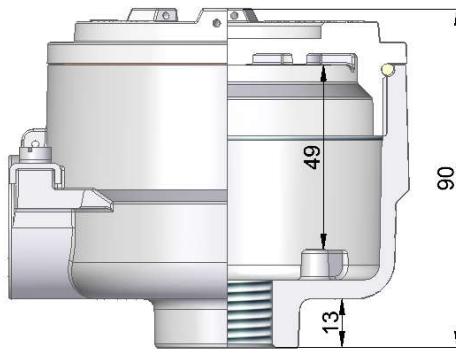
### PROTECTION CONCEPT

Type of protection		Permitted use	Certificate No.	Protection Principe
ATEX Marking	IECEx Marking			
1026  II 2G Ex db IIC Gb	Ex db IIC Gb	Zone 1, Zone 2	FTZU 07 ATEX 0134U	Contain the explosion and quench the flame
1026  II 2D Ex tb IIIC Db	Ex tb IIIC Db	Zone 21, Zone 22	IECEx FTZU 12.0018U	

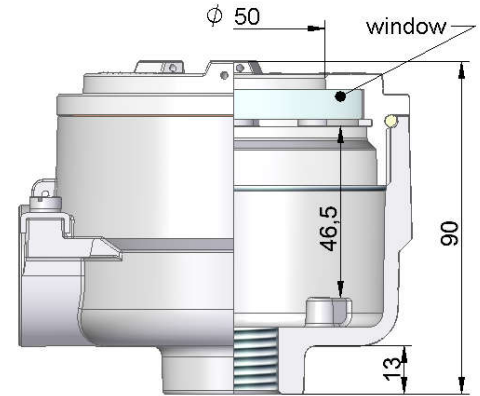
**XD-JBAwin**



**XD-JBAL**



**XD-JBALwin**



## ORDERING

**XD-JBA.. - . - .. - .. - ..**

### Type of instrument housing

### Version of instrument housing

= standard  
**win** = cover with window  
**L** = longer D<sub>1</sub> entry  
**Lwin** = longer D<sub>1</sub> entry, cover with window

### Material of seal

4 = VMQ rubber  
 5 = FKM rubber

### Symbol of conduit thread D<sub>2</sub>

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

### Symbol of process thread D<sub>1</sub>

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  
 M27 = M27×2

### Symbol of paint type

SE – spray epoxy; SPU – spray polyurethane (on se layer); C – creodur; PPU – polyurethane powder;  
 P – polyester powder – standard

### Symbol of 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)

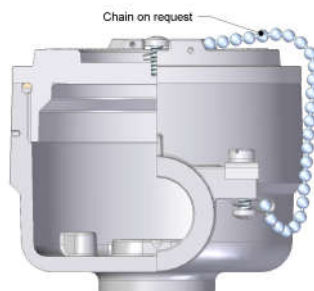
## Standard products:

### XD-JBA-4-D<sub>2</sub>-D<sub>1</sub>-P

Sample:

XD-JBA-4-M2-M2-P RAL9006

XD-JBAwin-5-M2-M25-P RAL9006



### PROTECTION DEGREE

IP54	threaded connection without additional sealing
IP68	threaded connection with additional sealing