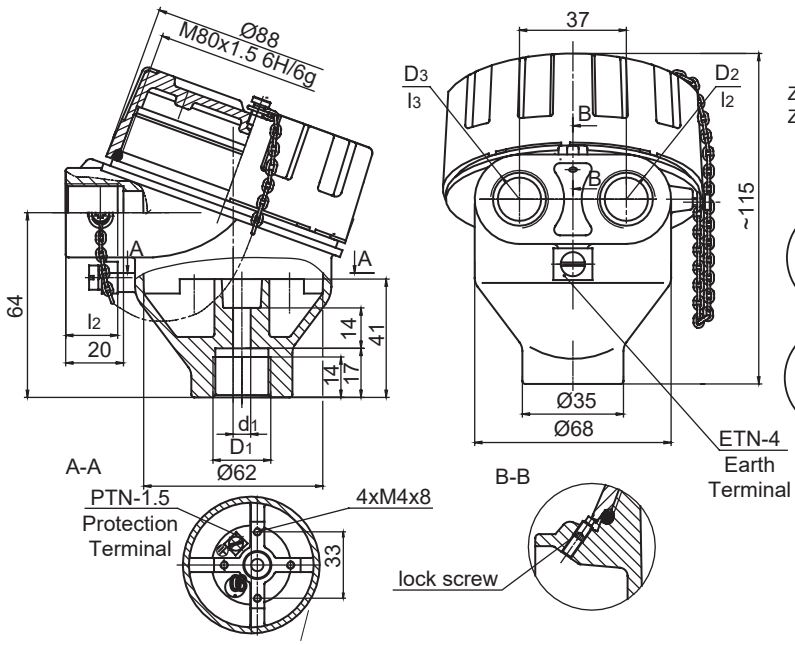
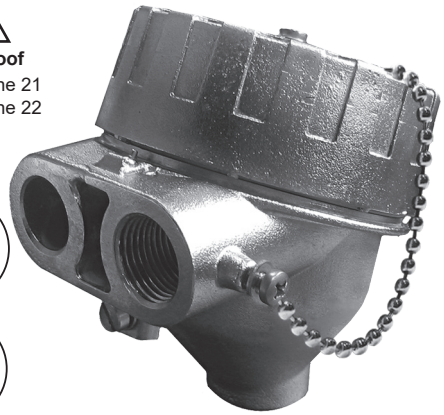
CONNECTION HEAD - type XD-SD



Flameproof
Zone 1, Zone 21
Zone 2, Zone 22

Kg
~1.30 Kg

33



FTZU 14 ATEX 0004U
I M2 Ex db IMb
II 2 G Ex db II C Gb
II 2D Ex tb IIIC Db

IECEx FTZU 17.0008U
Ex db IMb
Ex db II C Gb
Ex tb IIIC Db

(1)	XD-SD	ORDERING CODE				SPECIFICATION
(2)	Material of elements	4				Metal parts - stainless steel; seals - silicone rubber
		5				Metal parts - stainless steel; seals - fluoroelastomer rubber
(3)	Cable gland thread D_2/D_3 Please choose two variants of thread, separately for D_2 and D_3 **For example: XD-SD-4-M2/CD...**		M2			M20x1.5 6H
			G2			G½; BSP½ (without cert.)
			G3			G¾; BSP¾ (without cert.)
			G4			G⅜; BSP⅜ (without cert.)
			N2			½NPTmod - modified ac. to OIT-17/03
			N3			¾NPTmod - modified ac. to OIT-17/03
			CD			CD = closed (D_3 only)
(4)	Type of process thread D_1			M2		M20x1.5 6H
				M24		M24x1.5 6H
				M27		M27x2 6H
				G2		G½; BSP½ *
				G3		G¾; BSP¾ *
				G4		G⅜; BSP⅜ *
				N2		½NPTmod - modified ac. to OIT-17/03
				N3		¾NPTmod - modified ac. to OIT-17/03
(5)	Symbol of hole d_1 diameter				6	Ø6 $^{+0.04}_{-0.05}$
					6.1	Ø6.1 H8
					8	Ø8 $^{+0.1}_{+0.02}$
					8.1	Ø8.1 H8
					9.6	Ø9.6 H8
					10	Ø10 $^{+0.1}_{+0.02}$
					10.1	Ø10.1 H7
					12.8	Ø12.8 H7
					13	Ø13 (non flameproof)
					15.1	Ø15.1 H7
					M16	M16x1.5 6H
						or other hole on request (non flamefroof)

Maine features:

- material of body and cover: stainless steel DIN 1.4401, AISI 316
- service temperature:
  T_{serv}= -50÷150ºC - silicone rubber
  T_{serv} = -20 to 200°C - fluoroelastomer rubber
- maximum space for transmitter: Ø58×35mm

Ordering example:

(1)	(2)		(3)		(4) (5)
XD-SD	4	-	M2/CD	-	M24/8.1

* in this case hole d1 must be flameproof (for arrange flameproof joint with sensor measuring insert). Flameproof possible only for gas. For Ex tb - dust (for thread D1) require certification of the complete equipment.