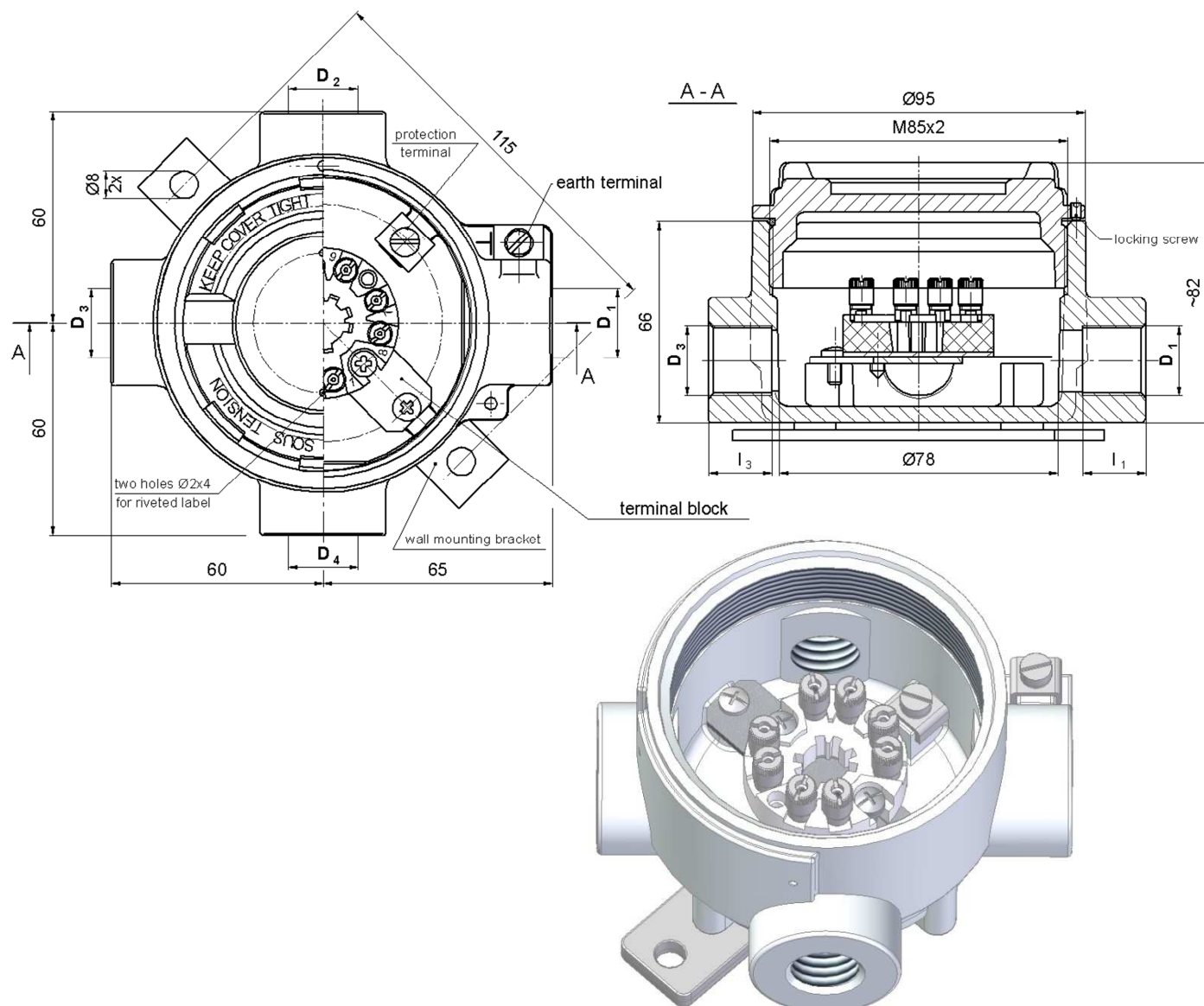




Junction box XD-JB85 with terminal block



Material of body and cover: aluminium pressure die-casting

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

$T_{serv} = -40 \div 150^{\circ}\text{C}$ (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)

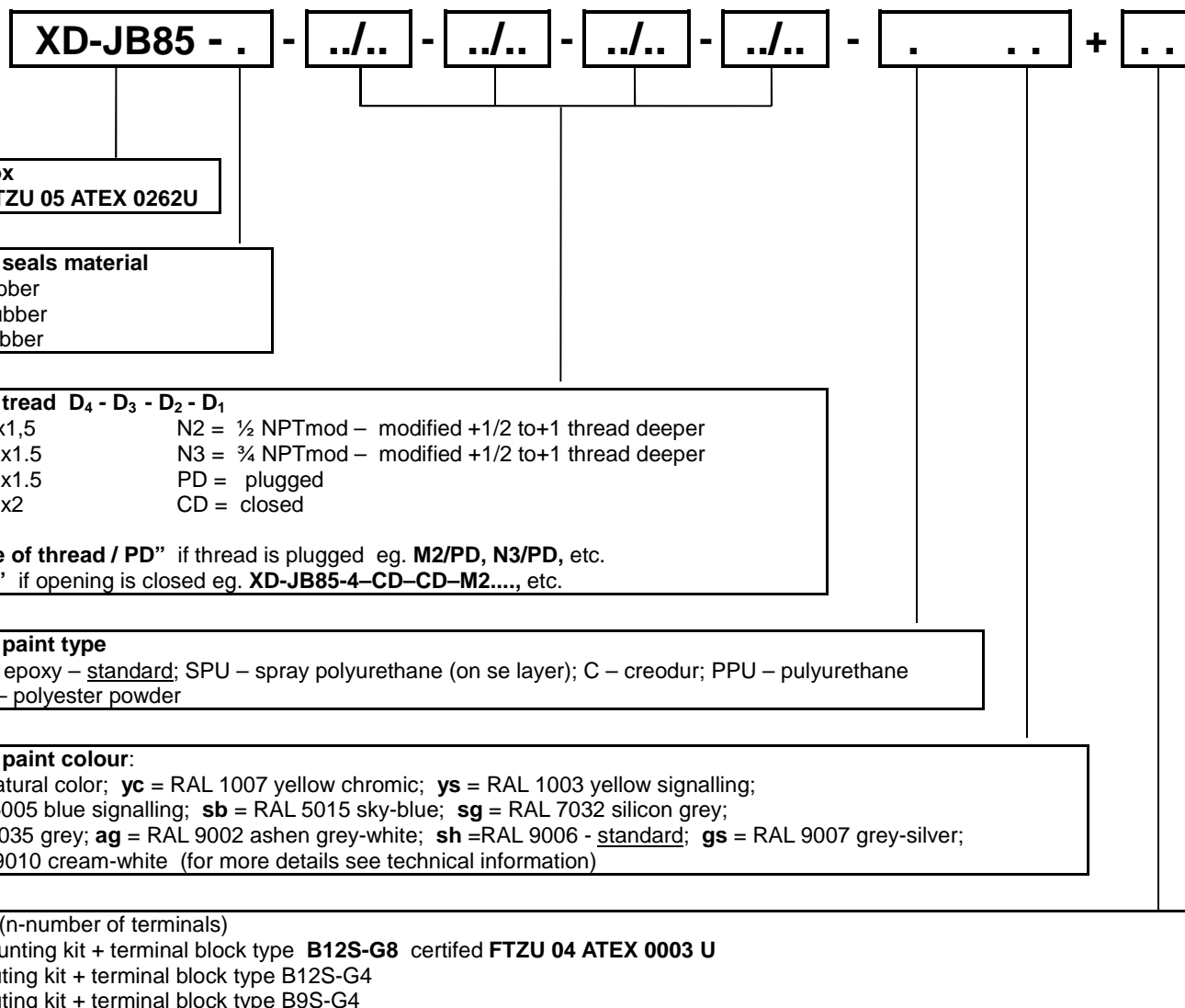
THREAD D_4	l_4 [mm]	THREAD D_3	l_3 [mm]	THREAD D_2	l_2 [mm]	THREAD D_1	l_1 [mm]	SEAL MATERIAL	COATING
M20x1.5 M24x1.5 M25x1.5 M27x2	20	M20x1.5 M24x1.5 M25x1.5 M27x2	20	M20x1.5 M24x1.5 M25x1.5 M27x2	20	M20x1.5 M24x1.5 M25x1.5 M27x2	20	3	SE
½ NPTmod ¾ NPTmod	16,2	½ NPTmod ¾ NPTmod	16,2	½ NPTmod ¾ NPTmod	16,2	½ NPTmod ¾ NPTmod	16,2	4	Cal
CD		CD		CD		CD		5	SPU
PD		PD		PD		PD			PPU
									P

PROTECTION CONCEPT

Protection Method	Type of protection	Permitted use	Certificate No.	Protection Principle
Flameproof EN 60079-0 EN 60079-1 EN 60079-31	CE 1026 Ex II 2G Ex db IIC T6...T4 Gb 1026 Ex II 2D Ex tb IIIC T=77/97/117°C Db	Zone 1 Zone 2 Zone 21 Zone 22	FTZU 05 ATEX 0329X	Contain the explosion and quench the flame



ORDERING



Standard products:

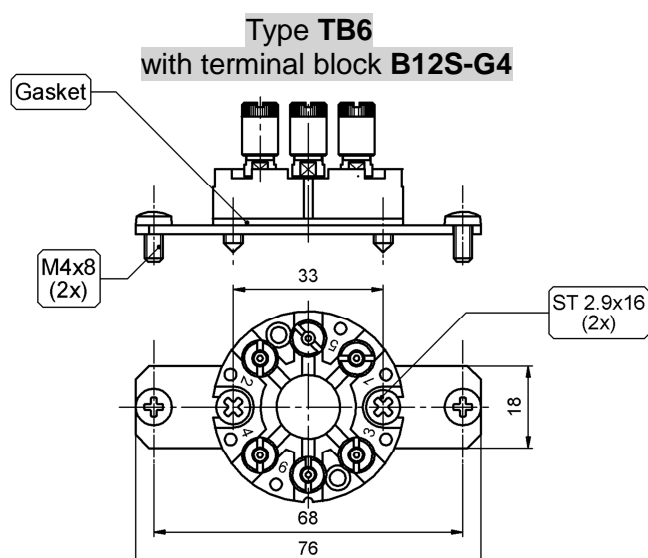
XD-JB85-4-D₄-D₃-D₂-D₁-SEsh-TB6-6

Sample:

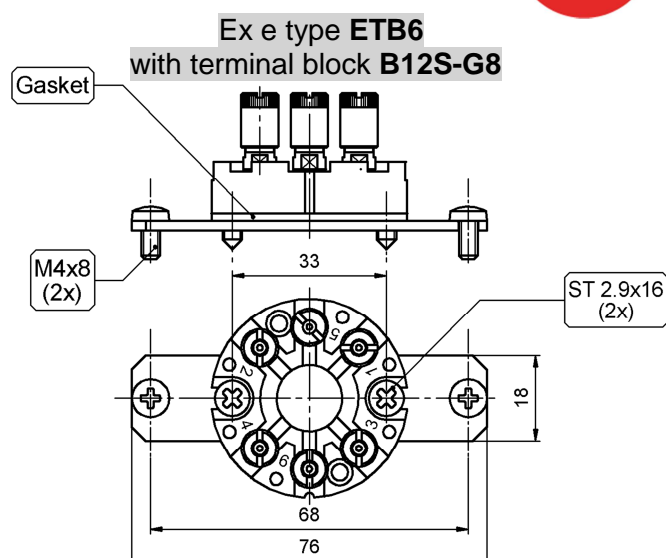
XD-JB85-4-M2/PD-M2-M2/PD-M25-SEsh-TB6-6

XD-JB85-4-CD-N3-CD-N3-SEsh-ETB-6

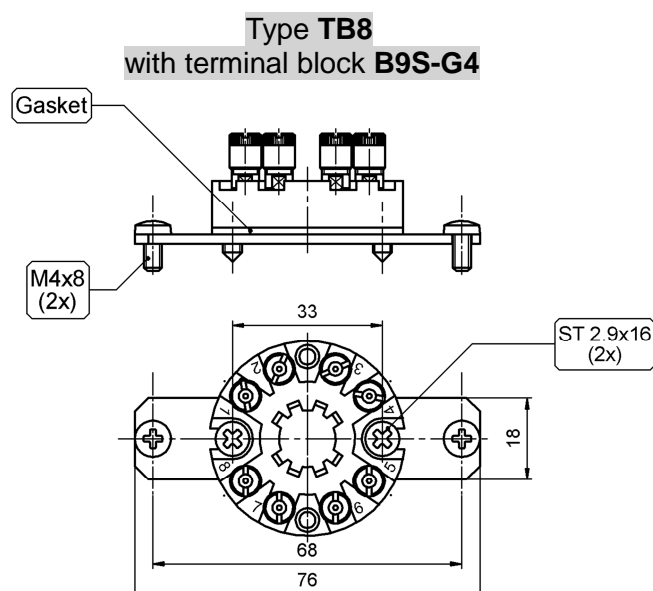
PROTECTION DEGREE	
IP	D ₄ , D ₃ , D ₂ , D ₁
54	threaded connection without additional sealing
68	threaded connection with additional sealing



Ordering example	TB6-2 to TB6-6
Number of terminals	2 to 6



Ordering example	ETB-2 to ETB-6
Number of terminals	2 to 6
Approvals	FTZU 04 ATEX 0003U
Protection Code	Ex II 2G Ex eb IIC Gb



Ordering example	TB8-2 to TB8-8
Number of terminals	2 to 8

TECHNICAL INFORMATION

Nominal conductor cross-section [mm ²]	Max. current [A]	Max. voltage [V]
0.5	2	500
0.75	4	
1	8	
1.5	10	
2.5	15	
4.0	21	

CONDUCTORS CONNECTION

stranded or solid conductor with equal cross-section to one terminal together

Max. conductor number in one terminal	Max. cross-section of conductor [mm ²]	
	●	*
4	1.5	1.5
3	2.5	2.5
2	4.0	4.0

CONDUCTORS CONNECTION

stranded + solid with different cross-section to one terminal together

●	or	*	+	*	or	●
number	x	cross-section [mm ²]	+	number	x	cross-section [mm ²]
1	x	max.1.5	+	3	x	max.1.5
1	x	max.2.5	+	2	x	max.2.5
1	x	max.4.0	+	1	x	max.4.0

* stranded conductor

● solid conductor