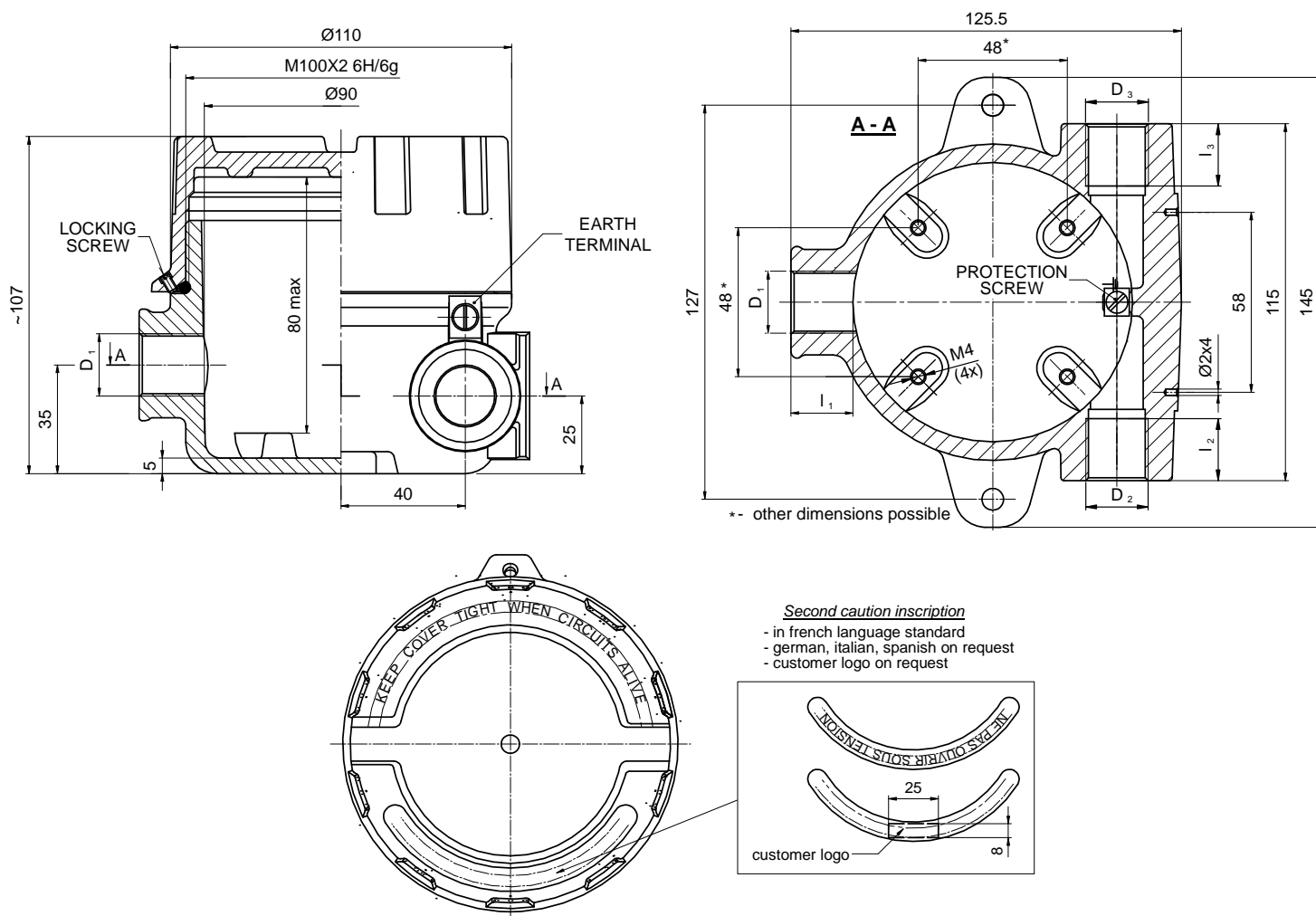


INSTRUMENT HOUSING – type XD-I



FOR ALL VERSIONS of XD-I

Material of body and cover: aluminium pressure die-casting, max.0,5% Mg

Service temperature: $T_{serv} = -40 \div 212^{\circ}\text{F} / -40 \div 100^{\circ}\text{C} / (185^{\circ}\text{F} / 85^{\circ}\text{C} / \text{with window})$ – silicone rubber

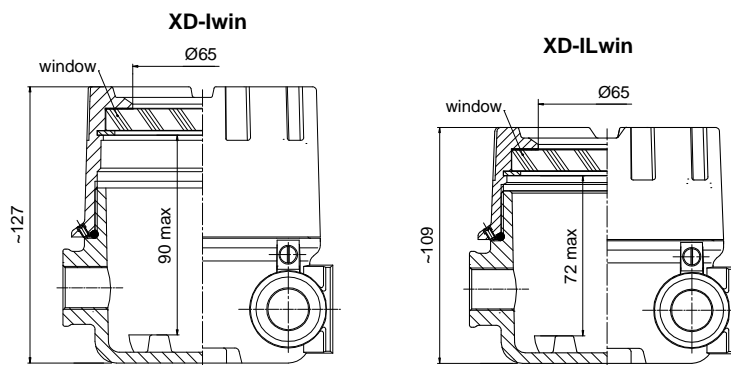
Coating: yellow chromating and chemically resistant paint (outside only)

Sealing: yellow chromating and chromic acid resistant paint (surface only)							
THREAD D ₃	I ₃ [mm]	THREAD D ₂	I ₂ [mm]	THREAD D ₁	I 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	S	SE
½ NPT mod ¾ NPT mod	16.2 (7 full thds)	½ NPT mod ¾ NPT mod	16.2 (7 full thds)	½ NPT mod ¾ NPT mod	16.2 (7 full thds)		Cal
PD		PD		PD			SPU

PROTECTION CONCEPT

Protection method	Type of protection	Marking	Permitted use	Approval Body	Certificate No.	Protection Principle
FM 3615	Explosionproof	Class I, Groups A,B,C,D Class II, Groups E,F,G; Class III Enclosure type: 4x	Division 1 Division 2	FM Approvals	3019264	Contain the explosion and quench the flame
CSA C22.2 No.30 ⁽¹⁾				CSA	1717515	
ANSI/ISA 60079-1	Flameproof	Class I, Zone 1, AEx d II C, IP66 Ex d II C, Class I, Zone 1, IP66	Zone 1	FM Approvals	3023004	
CSA E60079-1				CSA	1717515	

⁽¹⁾ for CSA Division NPT threads only, in all openings



ORDERING

XD-I... - .		.. / / /	
Type of instrument housing									
Version of instrument housing									
= standard									
win = cover with window									
Lwin = low cover with window									
Material of seal									
4 = VQM rubber									
Symbol of conduit thread D₃ - D₂									
Standard:									
M2 = M20×1.5									
N2 = ½ NPTmod – modified acc. to FM3615 and CSA C22.2 No. 0.5									
N3 = ¾ NPTmod – modified acc. to FM3615 and CSA C22.2 No. 0.5									
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 acc. to FM3615 and CSA C22.2 No. 0.5									
N2 = ½ NPTmod – modified acc. to FM3615 and CSA C22.2 No. 0.5									
Notice:									
Type: "size of thread / PD" if thread is plugged ex. M25/PD , etc.									
Symbol of paint type									
SE – spray epoxy – standard; SPU – spray polyurethane (on se layer); C – creodur									
Symbol of paint colour									
sh = RAL 9006 shine – standard; yc = RAL 1007 yellow chromic; ys = RAL 1003 yellow signaling; bs = RAL 5005 blue signaling;									
sb = RAL 5015 sky-blue; sg = RAL 7032 silicon-grey; gr = RAL 7035 grey; ag = RAL 9002 ashen grey-white; gs = RAL 9007 grey-silver;									
cw = RAL 9010 cream-white; al = alu natural colour (for C paint type only)									

STANDARD PRODUCTS:

XD-I4-D₃-D₂-D₁-SEsh

Sample:

XD-I4-N3-N3-N3-SEsh

XD-Iwin-4-D₃-D₂-D₁-SEsh

Sample:

XD-Iwin-4-N3/PD-N3-N3-SEsh

PROTECTION AGAINST WATER and DUST INGRESS (Enclosure Type NEMA 4X)			
	D ₃	D ₂	D ₁
NO	1.Parallel and taper thread are manufactured in the standard accuracy class of manufacturing. 2.No gasket, no packing with any packing agent.		
YES	Threads are additionally packed with use of, e.g., LOCTITE 577 agent.		