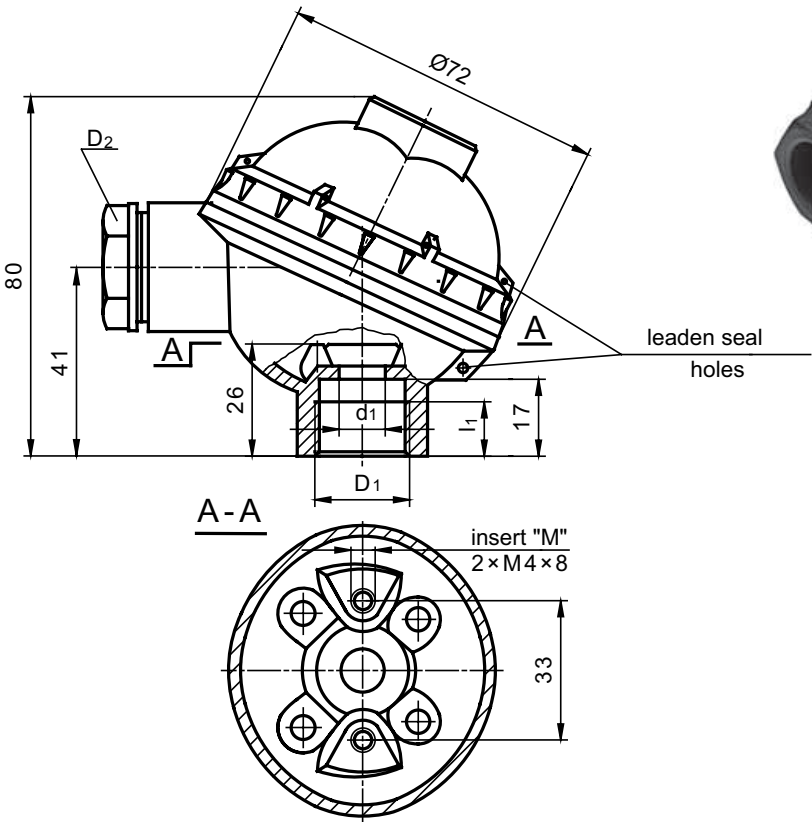


Intrinsic safety CONNECTION HEAD – type XI-NS

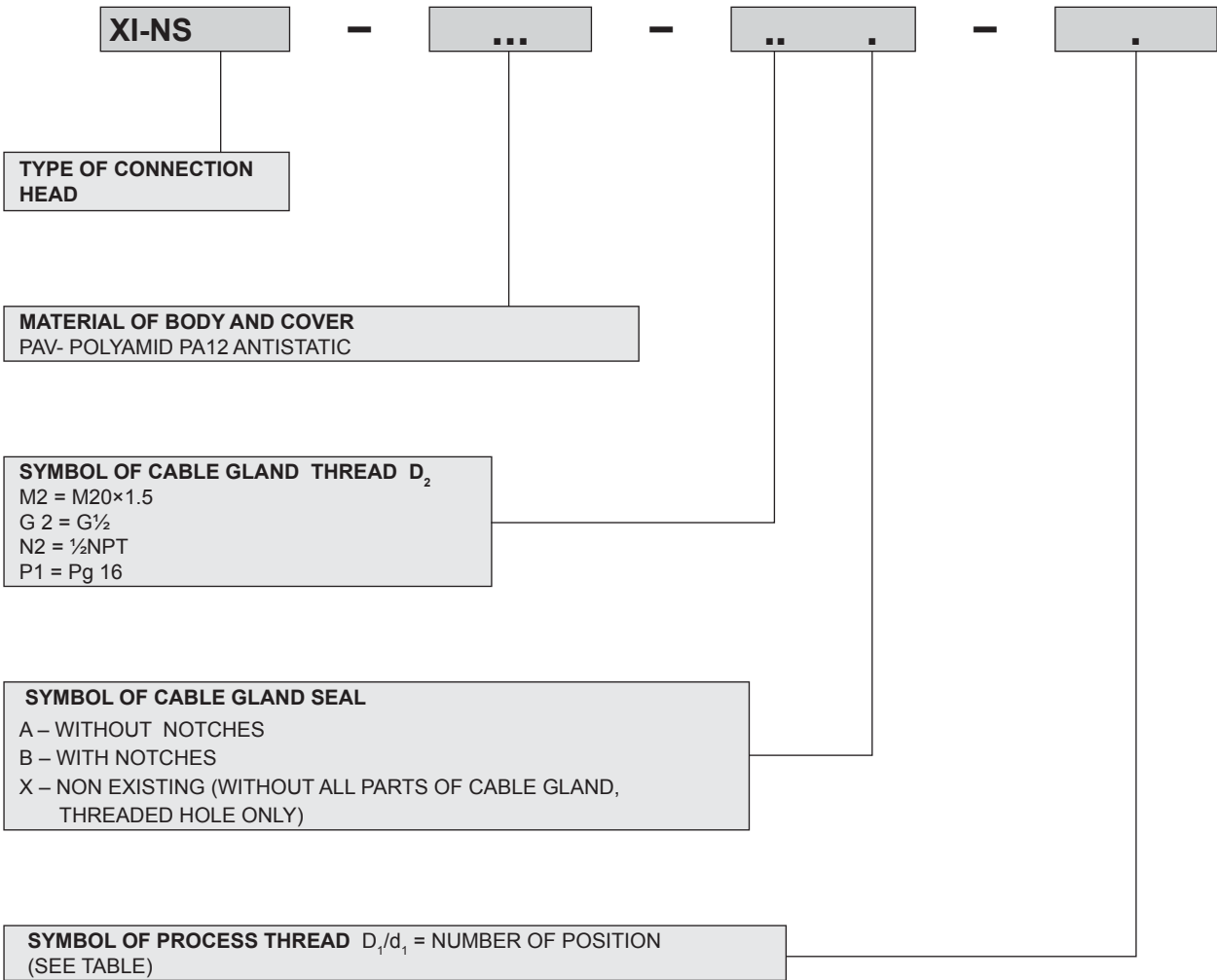
Material of body and cover: PAV – polyamide PA12 antistatic – black
Ambient temperature: $T_{amb} = -40$ to 100°C oil-proof rubber
 $T_{amb} = -40$ to 120°C silicone rubber
Maximum space for transmitter: $\varnothing 42 \times 14\text{mm}$



STANDARD PRODUCT											
CABLE GLAND				BODY				COVER		ORDERING NO	
THREAD D ₂	MATE- RIAL OF ELEMENTS	SEALING RING	Pos.	D ₁ ([mm])	d ₁ [mm]	l ₁ [mm]	MATERIAL OF BODY	SEAL MATERIAL	MATERIAL OF COVER		
		TYPE									MATE- RIAL
M20×1.5	PAV/N	A	O	1	M20×1.5	Ø11	17	PAV	O	PAV	XI-NS-PAV-M2A-1
				2	M24×1.5	Ø11					XI-NS-PAV-M2A-2
				3	G½	Ø11					XI-NS-PAV-M2A-3
				4	½NPT	Ø11					XI-NS-PAV-M2A-4
G½	PAV/N	A	O	3	G½	Ø11					XI-NS-PAV-G2A-3
½NPT	X	X	X	4	½NPT	Ø11					XI-NS-PAV-N2X-4
OPTIONS ON REQUEST											
M20×1.5 G½ ½NPT Pg 16	X	B X	S X	X			X	S	X	to fixing depend on chosen combination	

PROTECTION CONCEPT					
Protection Method	Type of protection	ATEX 94/9/EC Marking	Permitted use	Approval	Protection Principle
Intrinsic safety EN 50014 EN 50020 EN 50281-1-1	EEx ia II	Ex II 2 GD	Zone 0, Zone 20 Zone 1, Zone 21 Zone 2, Zone 22	Limatherm's Declaration of Conformity	Limit energy of sparks and surface temperature

ORDERING



SAMPLE :

STANDARD : XI-NS – PAV – M2A – 2
ON REQUEST : XI-NS – PAV – P1B – 2

PROTECTION DEGREE			
IP	D ₂	SEALING RING	D ₁
54 to 65	M2	A, B	pos.1 to 4
	G2	A, B	
	P1	A, B	
68	M2*	cable gland IP 68	pos.1 to 4)*
	N2*	*fill sealing fitting IP 68 *threaded pipe (IP 68) *flexible coupling (IP 68)	
*threaded joint must be sealed to be reached IP 68 For more details see technical information			