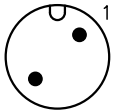
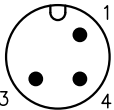


1		2		3		4		5		6	
No.	Specification			Unit	Q'ty	No.	Specification			Unit	Q'ty
1	M12 Male contact pin Gold Plated			pc	2~8	9	M12 Male contact pin Protective cover,black			pc	1
2	M12 Zinc alloy hexagon connection screws			pc	1	10	Straight body zinc alloy shell			pc	1
3	M12 Male Insulator ,black			pc	1	11	Shield ring brass,PG9 specification silver			pc	1
4	Corrugated gasket manganese steel, silver			pc	1	12	Buna-N O-ring, Ø9 ID × 1.5 CS, black			pc	1
5	Main connecting nut copper shell			pc	1	13	waterproof rubber plug Silicone Rubber PG9 black			pc	1
6	Buna-N O-ring, Ø12.6 ID × 1.2 CS, black			pc	1	14	Tail paw PG9 specification black			pc	1
7	Metal assembly body liner, black			pc	1	15	Lock cable nut copper shell PG9			pc	1
8	Wire locking screw Carbon steel bright Nickel			pc	2~8						

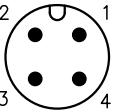
CORE LAYOUT



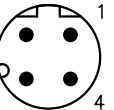
2P



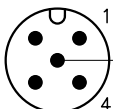
3P



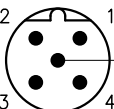
4P



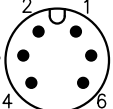
4P D



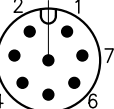
5P



5P B



6P



8P

Technical specifications:

Coupling: Threaded coupling

Termination: Screw lock

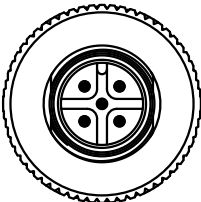
Pollution degree: 3

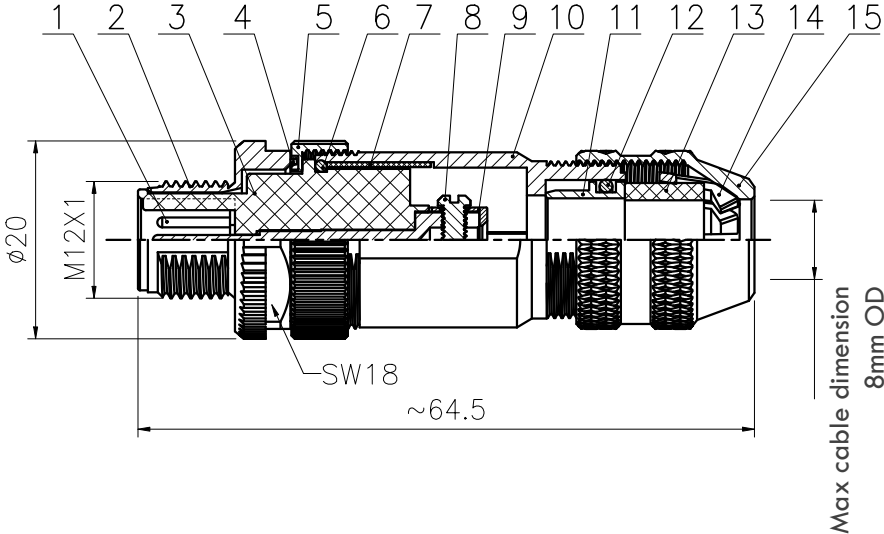
Temperature range: -40°C ~ +80°C

Degree of protection: IP67

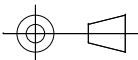
Mating cycles: ≥500

Cable outlet diameter: 6.0~8.0 mm Conductor: max 1.5 mm² (AWG 16)





PIN	2	3	4	4D	5	5B	6	8
Rated current/voltage	4A/250V	4A/250V	4A/250V	4A/250V	4A/60V	4A/60V	2A/30V	2A/30V
Rated pulse voltage	2500V	2500V	2500V	2500V	1500V	1500V	800V	800V
Insulation resistance (MΩ)	≥100	≥100	≥100	≥100	≥100	≥100	≥100	≥100
Contact resistance (MΩ)	≤ 5	≤ 5	≤ 5	≤ 5	≤ 5	≤ 5	≤ 5	≤ 5

GENERAL TOLERANCE (UNLESS SPECIFIED)		DWN	Y.Z 2026.6.15				
≤10 ±0.1		CHK					
<10~≤20 ±0.2		APVD					
<20~≤50 ±0.5							
Angle ±1°							
		UNIT	MM	REV	A	TITLE	M12 Straight Male Metal Assembled Plug
THIRD ANGLE		SIZE	A4	SHEET	1 OF 1	PART NO	M12-Pxx-GLAP9
				DRAWING NO	M12-Pxx-GLAP9		



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