

REV.	Description	Date
1	add 12P arrangement	2012/1/2
2	upgrade drawing	2014/3/24
3	part number change	2025/6/16

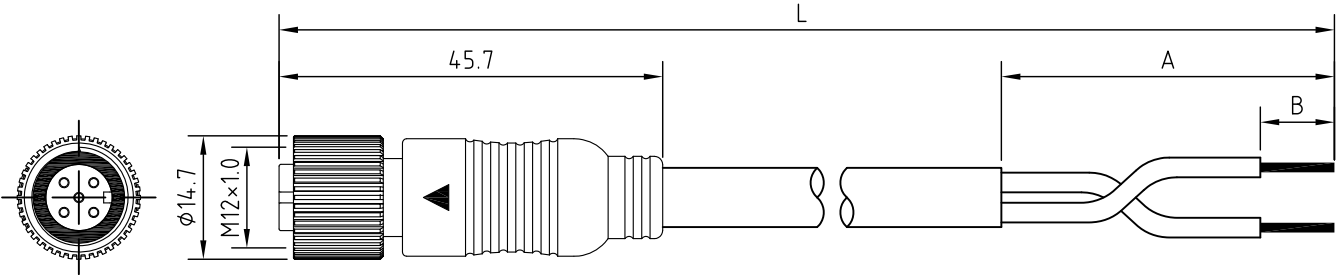
Specification of connector

General Characteristics
 Locking system : screw M12
 Termination : solder
 Shell protection : IP68
 Contact resistance : $\leq 10\text{m}\Omega$
 Insulation resistance : $\geq 10\text{M}\Omega$

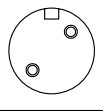
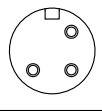
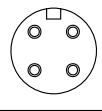
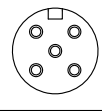
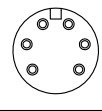
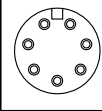
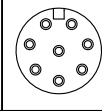
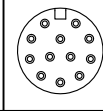
Materials
 Socket contact : brass
 Contact plating : gold
 Female insert : PA
 Ring nut : PA
 Oring : rubber

Specification of cable

Material Jacket	PVC	PUR
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RoHS

CONTACT ARRANGEMENT FRONT VIEW (FEMALE)								
	02P	03P	04P	05P	06P	07P	08P	12P
Rated voltage	250V			125V			60V	
Rated current	5A			2A			1A	



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ITEM	Sensor Connector M12	PART NO.	3031A-A02F11xxx-01/UT-D170F4-XP		
		DATE	2025/6/16	UNIT	MM
		DWN	GINA	REV.	3
		CHK			