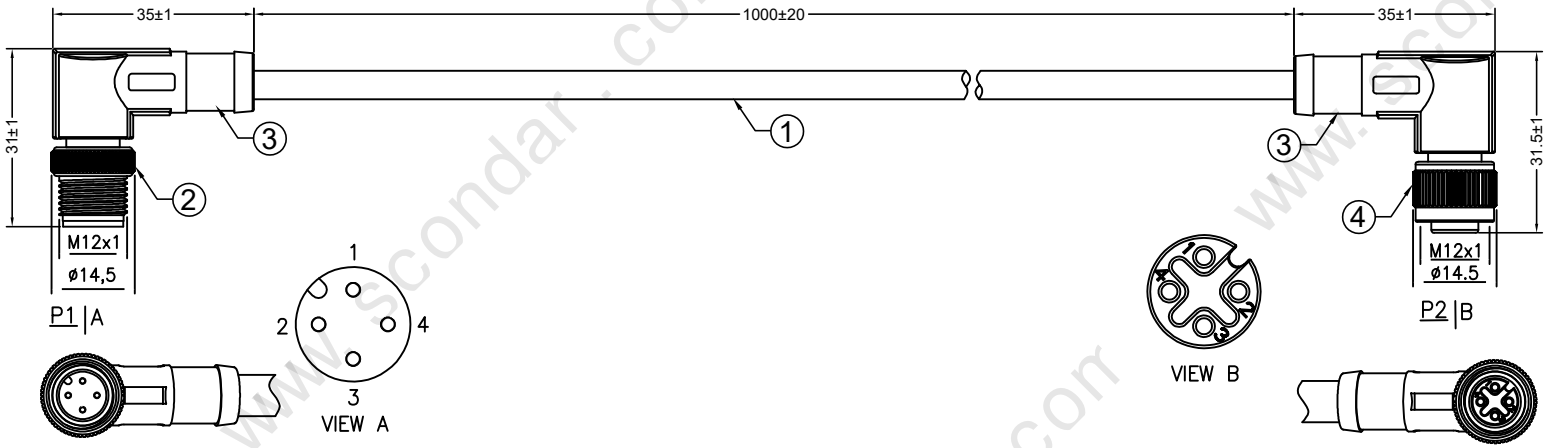
Weight: g/pcs

RoHS Compliant

Technical requirements for plugs	
Connection Method	Threaded Connection
Wiring Method	Welding
Temperature Range	-40℃~80℃
Pollution Level	3
Protection Level	IP67(Locked State)
Plug and unplug lifespan	≥500
Rated Voltage	250V AC/DC
Rated Current	4.0A
Contact Resistance	≤5mΩ
Insulation Resistance	≥100MΩ
Quality Standard	IPC-A-620



Technical requirements:
1.100% inspection of products.
2.High voltage test: DC 300V/0.01S
3.Insulation impedance: 10M Ω Min
4.Conductor impedance: 3 Ω Max
5.Short circuit test: 100% test
6.Compliant with ROHS requirements.

PIN ASSIGNMENT		
P1	Color	P2
1	Brown	1
2	White	2
3	Blue	3
4	Black	4

NO	PART NO	DESCRIPTION	UNIT	Q'TY	REMARK
4	M12-S4A-SFC	M12 4Pin A code Female Plug thread forming, long body with chamfered rubber core hole type plug semi-finished product, brass	PCS	1	
3	External Model	M12 Encapsulated Black PVC Molding	G	10	
2	M12-P4A-SFC	M12 4Pin A code Male Plug thread forming, semi-finished product of long body rubber core needle plug, brass conventional screw	PCS	1	
1	4C22-006	UL2464 22AWGx4C(1.Brown;2.White;3.Blue;4.Black)PVC Material, ID1.3mm PVC Jacket OD:5.0mm,Color: Black	MM	600	

REVISIONS			
REV	DESCRIPTION	DATE	ECN NO.
A	INITIAL RELEASE	2026.08.10	

DATE	2026.08.10
DRAWN BY	Yao
CHECKED BY	Xiong
APPROVED BY	Lisa

SCONDAR ELECTRONIC LIMITED

TOLERANCES: ±0.3mm		UNIT: mm	PAGE/ 1 of 1
SCT P/N	SCT-RW0007		Rev A
CUSTOMER P/N			
CUSTOMER	Robot Wiring Wire Harness		
TITLE:	M12 4Pin A code Male Plug 90° To M12 4Pin A code Female Plug 90° UL2464 22AWGx4C Black OD:5.0mm L=1000mm		

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