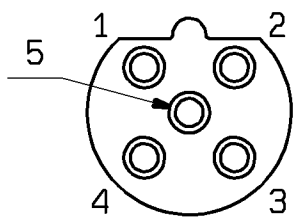
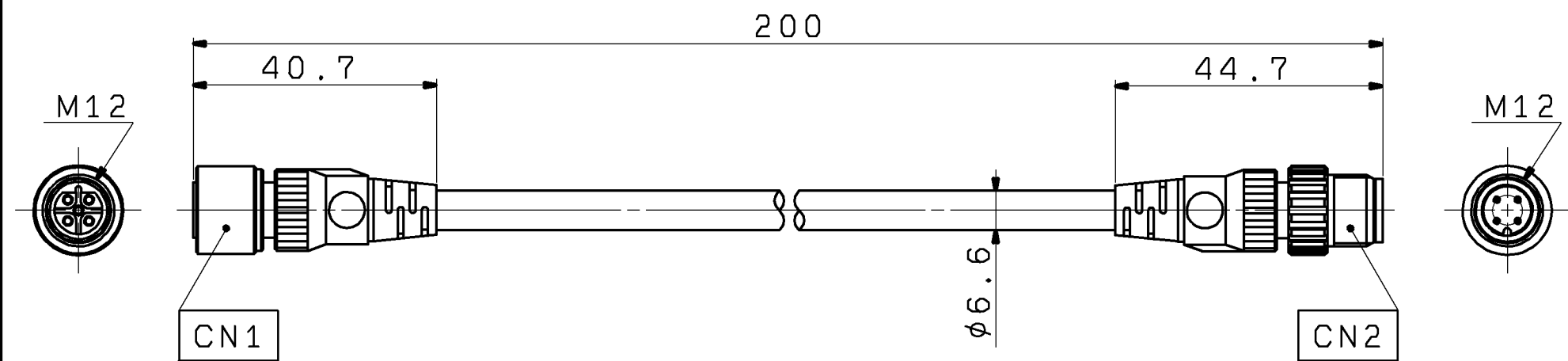
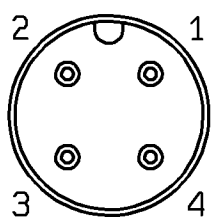


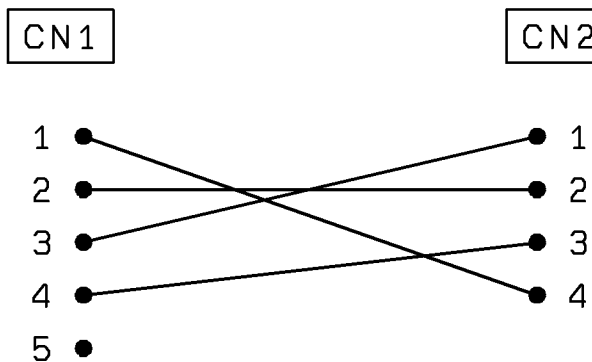
▽ A-49X-5-200CA-6XE (C) ON 9MD



CN1 socket connector
B-coded(Reverse key)pin assignment



CN2 plug connector
A-coded(Normal key)pin assignment



Wiring diagram

Ratings/Performance

Rated current	3.1A(Note1)
Rated voltage	125V DC
Contact resistance	40mΩ or less (At 20mV DC or less,100mA or less)
Insulation resistance	1000MΩ or more(At 500V DC)
Withstand voltage	1500V AC 1min (Leak current 1mA or less)
Protection class	IP67(IEC529)
Allowable repeated insertion/withdrawal	200 times
Operating ambient temperature	-25 to +60℃
Weight	Approx.45g
Minimum bending radius	40mm(fixed)

Note

1.If max. supply current(3.0 to 3.1A)is applied for operation,
do not make the ambient temperature exceed 40℃ and bundle the cable.

Wire specification

Item	Specification
Diameter,Color	φ6.6,Light gray
Core number	5
Nominal cross sectional area	0.3mm ² (AWG22)
Outer diameter (including insulating material)	1.65mm
UL style	UL758 STYLE2464

Material/Processing

Contact	Phosphor bronze,gold-plated 0.4μm
Fixture	Brass/Nickel-plated
Contact block	PBT resin(UL94V-0) /Dark gray(CN1),Light gray(CN2)
Cover	Soft PBT(UL94V-0) /Black

Special specification

- Cable length:200mm
- Wiring is changed.(refer to wiring diagram.)

*Unless otherwise noted along with a separate contract or agreement within the Product Specifications, the safety instructions specified in the product catalog or the operation manual are applied.
Please contact your local SMC Sales office for further details.

				FINISH		
				PAINT		
				MASS		
				PACKING		
REV	QTY	DESCRIPTION	DATE	PREPARED	REV NO	MODEL QTY
0	-	First Edition	2024-08-08	K.Nakai	-	
				DRAWN	E.Matsumoto	SCALE
				DATE	2024-08-08	1 : 1
				DESIGNED	K.Nakai	DWG NAME
				DATE	2024-08-08	Connector cable for power supply
				CHECKED	Y.Nishimura	DWG NO
				DATE	2024-08-08	(C) EX9-AC002-5-X54-A
				APPROVED	N.Sakamura	REVISION
				DATE	2024-08-09	

FINISH:表面処理 / PAINT:塗装 / MASS:質量
PACKING:包装区分 / MATERIAL:材質
MATERIAL SIZE:材料寸法

DWG NAME

DWG REC

DWG ID BA62840300

SMC Corporation