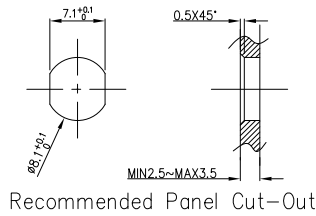
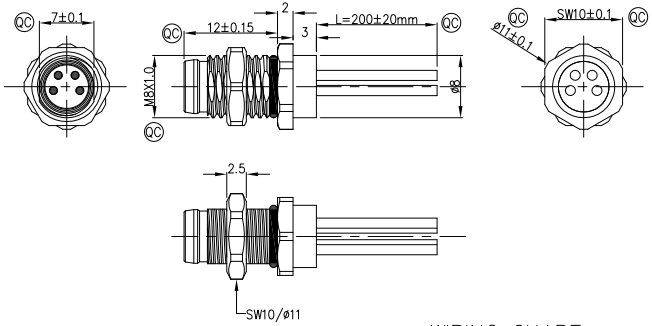


Pin No.								REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
Coded								0		New Release	9/SEP		FRANK

Pin No.	2PIN	3PIN	4PIN	5PIN	6PIN	7PIN	8PIN
A-Coded							
B-Coded							

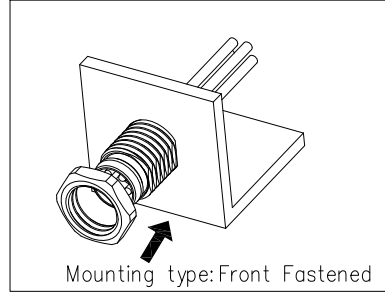


- Note:
- ① Important Dimension
 - Waterproof Rate: IP68
 - This product must meet IEC61076-2-104
 - This product must meet 2011/65/EU ROHS compliance.
 - Not note tolerances: ±0.20



WIRING CHART

2pin	3pin	4pin	5pin	6pin	7pin	8pin
 1 brown 3 blue	 1 brown 3 blue 4 black	 1 brown 2 white 3 blue 4 black	 1 brown 2 white 3 blue 4 black 5 grey	 1 brown 2 white 3 blue 4 black 5 grey 6 purple	 1 white 2 brown 3 green 4 yellow 5 grey 6 pink 7 blue	 1 white 2 brown 3 green 4 yellow 5 grey 6 pink 7 blue 8 red



Connector locking system	Screw
Wiring type	Crimp
Degree of protection	IP68(in mated condition)
Mechanical operation	> 100 mating cycles
Upper temperature	105°C
Lower temperature	-40°C
Pollution degree	3
Overvoltage categorie	II
Material group	II
Material of contact	CuZn (Messing/brass)
Contact plating	Au
Material of contact body	PA
Sealing	NBR
Material of housing	Brass nickel plated

Ordering Information

F001M8 - S X XX S S P XXX - 00
1 2 3 4 5 6 7 8 9

1 Series Name F001M8-FM8	2 Category S- Socket	3 Coded A-A CODED B-B CODED D-D CODED	4 Circuits 02-2Circuits 03-3Circuits 04-4Circuits 05-5Circuits 06-6Circuits 07-7Circuits 08-8Circuits	5 Contact S- Socket
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6 Entry Angle S-180° Vertical	7 Wiring type P-Crimp	8 Length XXX(See Table1)	9 SN 00
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TABLE 1

CABLE LENGTH (xxx)	050	100	150	200	250	300	350	400	450		950
L(M)	50mm	100mm	150mm	200mm	250mm	300mm	350mm	400mm	450mm		950mm

Pin Assignments Front View	Rated Voltage	Rated impulse Voltage	Rated Currnt(40°C)	Contact resistance	Insulation resistance	Wire Size(mm²)/ AWG
	60V	1500V	4A	≤8mΩ	≥100MΩ	0.32/22
	60V	1500V	4A	≤8mΩ	≥100MΩ	0.32/22
	60V	1500V	4A	≤8mΩ	≥100MΩ	0.32/22
	60V	800V	4A	≤8mΩ	≥100MΩ	0.32/22
	30V	800V	1.5A	≤8mΩ	≥100MΩ	0.22/24
	30V	800V	1.5A	≤8mΩ	≥100MΩ	0.14/26
	30V	800V	1.5A	≤8mΩ	≥100MΩ	0.14/26

THIRD ANGLE
PROJECTION

DESIGN UNITS
Inch (metric)

SCALE
2:1

SIZE
A4

GENERAL TOLERANCES
(UNLESS SPECIFIED)

X.±0.12(0.30)	X.±5°
X.X±.008(0.20)	.X'±2°
X.XX±.006(0.15)	.XX'±1°
X.XXX±.004(0.10)	.XXX'±0.5°

APPROVE BY
FRANK

DATE
9/SEP/23

CHECKED BY
CHERRY

DATE
9/SEP/23

DRAWN BY
DANIEL

DATE
9/SEP/23

PART NO.
F001M8-SXXXSPXXX-00

ITEM NO.
F001M8

TITLE
M8X1.0 Front fastened M8X1.0 male socket
with lize,free end

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TXGA

Building Technology Cornerstone

REV 0

SHEET NO. 1/1