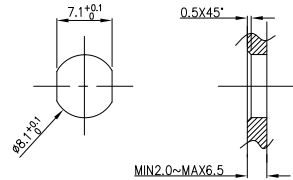


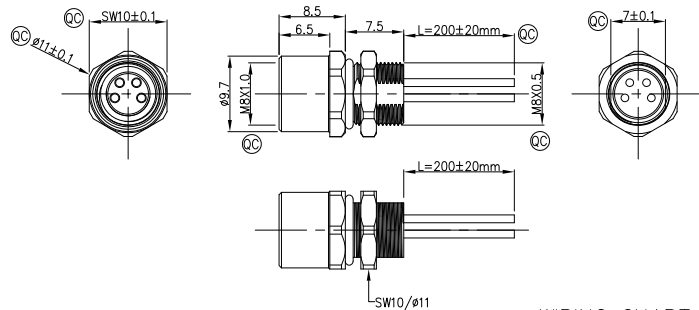
Pin No.	2PIN	3PIN	4PIN	5PIN	6PIN	7PIN	8PIN	REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
Coded								0		New Release	21/Aug		FRANK

A-Coded							
B-Coded							



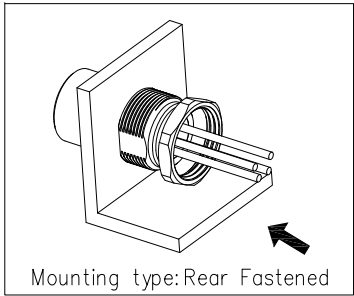
Recommended Panel Cut-Out

- Note:
- ①②Important 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℃
Lower temperature	-40℃
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

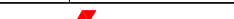
F005M8 - S X XX P S P XXX - 00
1 2 3 4 5 6 7 8 9

1 Series Name F005M8-FM8	2 Category S-Socket	3 Coded A-A CODED B-B CODED	4 Circuits 02-2Circuits 03-3Circuits 04-4Circuits 05-5Circuits 06-6Circuits 07-7Circuits 08-8Circuits	5 Contact P-Plug
6 Entry Angle S-180° Vertical	7 Wiring type P-Crimp	8 Length XXX(See Table1)	9 SN 00	

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℃)	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

		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 21/Aug/23	PART NO. F005M8-SXXXPSPXXX-00	ITEM NO. F005M8		
THIRD ANGLE PROJECTION		X.±.012(0.30)	X.±5°	CHECKED BY CHERRY	DATE 21/Aug/23	TITLE M8X1.0 Rear fastened M8X0.5 female socket with lize,free end		Building Technology Cornerstone	
DESIGN UNITS Inch (metric)		X.X±.008(0.20)	.X'±2°	DRAWN BY DANIEL	DATE 21/Aug/23	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S,Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		REV 0	SHEET NO. 1/1
SCALE 2:1		X.XX±.006(0.15)	.XX'±1°						
SIZE A4		X.XXX±.004(0.10)	.XXX'±0.5°						