

1		2		3		4		5		6		7		8	
Pin No. Coded	2PIN	3PIN	4PIN	5PIN	6PIN	7PIN	8PIN	REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD		
A-Coded								0		New Release	21/Aug		FRANK		
B-Coded															

Recommended Panel Cut-Out

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

Mounting type: Rear Fastened

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

Ordering Information

F006M8 - S X XX P S P XXX - 00
1 2 3 4 5 6 7 8 9

1 Series Name F006M8-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
----------------------------------	--------------------------	-----------------------------	------------

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

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

THIRD ANGLE
PROJECTION

DESIGN UNITS
Inch (metric)

SCALE 2:1 SIZE A4

GENERAL TOLERANCES
(UNLESS SPECIFIED)

X.±.012(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

CHECKED BY
CHERRY

DRAWN BY
DANIEL

DATE
21/Aug/23

DATE
21/Aug/23

DATE
21/Aug/23

PART NO.	F006M8-SXXXPSPXXX-00	ITEM NO.	F006M8
TITLE		Building Technology Cornerstone	
M8X1.0 Rear fastened M10X0.75 female socket with lize,free end		REV 0	SHEET NO. 1/1
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			