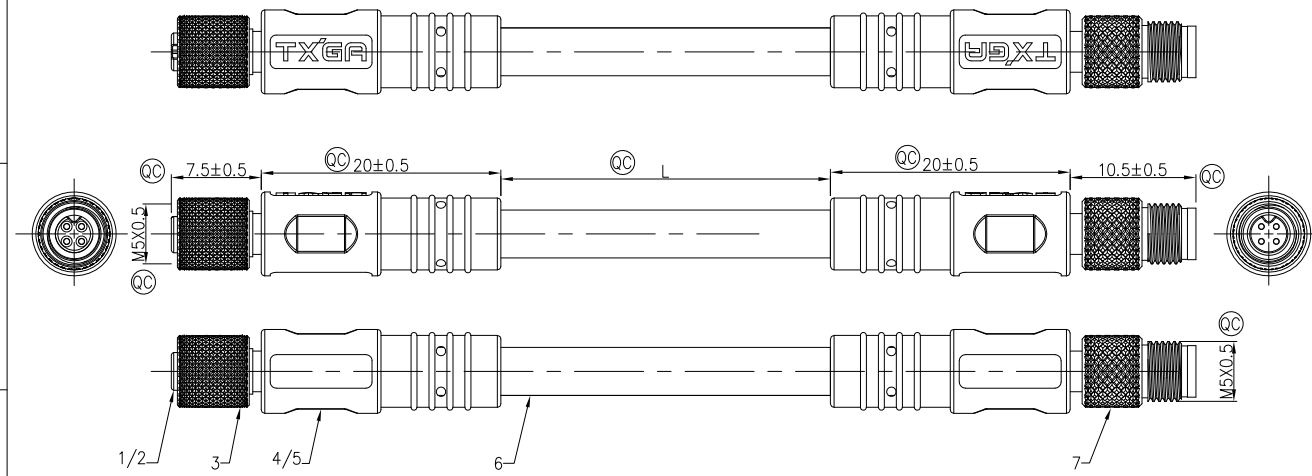


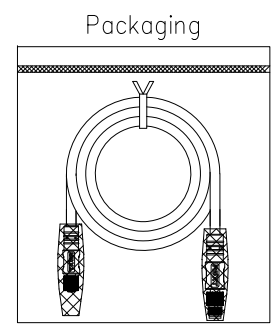
1	2	3	4	5	6	7	8
Circuits Coded	2Circuits	3Circuits	4Circuits	2Circuits	3Circuits	4Circuits	
A-Coded							
WIRING CHART	1 Brown 2 3 Blue 4	1 Brown 2 3 Blue 4 Black	1 Brown 2 White 3 Blue 4 Black	1 Brown 2 3 Blue 4	1 Brown 2 3 Blue 4 Black	1 Brown 2 White 3 Blue 4 Black	

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
0		New Release	6/June		FRANK

- Note:
- Ⓞ Important Dimension
  - Degree of protection: IP68
  - This product must meet IEC61076-2-105
  - This product must meet 2011/65/EU ROHS compliance.
  - Not note tolerances: ±0.20
  - Rated voltage: 60V, Rated current 1A
  - Temperature range: -40°C~+105°C
  - Mechanical operation: >100 mating cycles
  - Wire Size(mm<sup>2</sup>)/AWG: 0.14mm<sup>2</sup>/26AWG
  - Flame test: UL94V-0



Dimensions L (mm)				
Range(length)	50 to 200	201 to 1000	1001 to 5000	5000 to 9000
Tolerance(mm)	±15	±30	±50	±100



Ordering Information

FM5C 13 01 02 - A XX E XXXXX 00

1 2 3 4 5 6 7 8

- |               |                        |               |                   |           |  |             |                   |
|---------------|------------------------|---------------|-------------------|-----------|--|-------------|-------------------|
| 1 Series Name | 2 Cable                | 3 thread type | 4 Distinction No. | 5 Coded   | 6 Circuits                                   | 7 Key Angle | 8 Length          |
| FM5C-M5 Cable | 13-Female to Male Plug | 01-M5X0.5     | 02                | A-A CODED | 02-2Circuits<br>03-3Circuits<br>04-4Circuits | E-0°        | XXXX-(see table1) |

TABLE 1

CABLE LENGTH (XXXX)	00050	00100	00150	00200	.....	00990
	50mm	100mm	150mm	200mm	.....	990mm
	01000	01500	02000	03000	.....	99900
	1M	1.5M	2M	3M	.....	99.9M

7	Male connector: M5X0.5
6	4C*26AWG, OD 4.0MM, PVC, Black
5	Overmold: PVC30P, Black
4	innermold: PVC30P, Black
3	Screw: Copper alloy Plated Ni
2	Housing: PA, Black
1	Female Pin: Copper alloy Plated Gold
NO.	SPECIFICATION

ELECTRICAL
1. Withstanding Voltage: DC 300V
2. Conduction Impedance: 3Ω (Max)
3. Insulation Resistance: 10MΩ (Min)
PACKING SPECIFICATION
1. 1pcs/Bag
2. Ⓞ as the key size control
NOTES
1. This product must meet UL486A-1991 mechanical performance
2. This product must meet 2011/65/EU ROHS compliance

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	<b>TXGA</b> Building Technology Cornerstone	
	X.±0.30	.X'±5'	FRANK	13/July/23	FM5C130102-AXXEXXXXX00	FM5C130102		
	DESIGN UNITS Metric	X.XX±0.20	.X'±2'	CHECKED BY	DATE	TITLE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S,Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION
	SCALE 2:1	X.XX±0.15	.XX'±1'	CHERRY	13/July/23	M5X0.5 CABLE STRAIGHT FEMALE TO STRAIGHT MALE UNSHIELDED		
SIZE A4	X.XXX±0.10	.XXX'±0.5'	DRAWN BY DANIEL	DATE 13/July/23			REV 0 SHEET NO. 1/1	