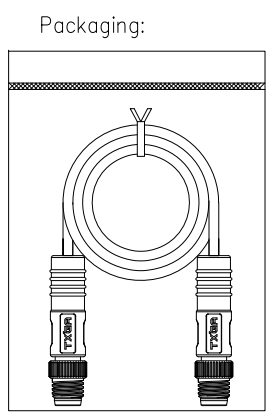
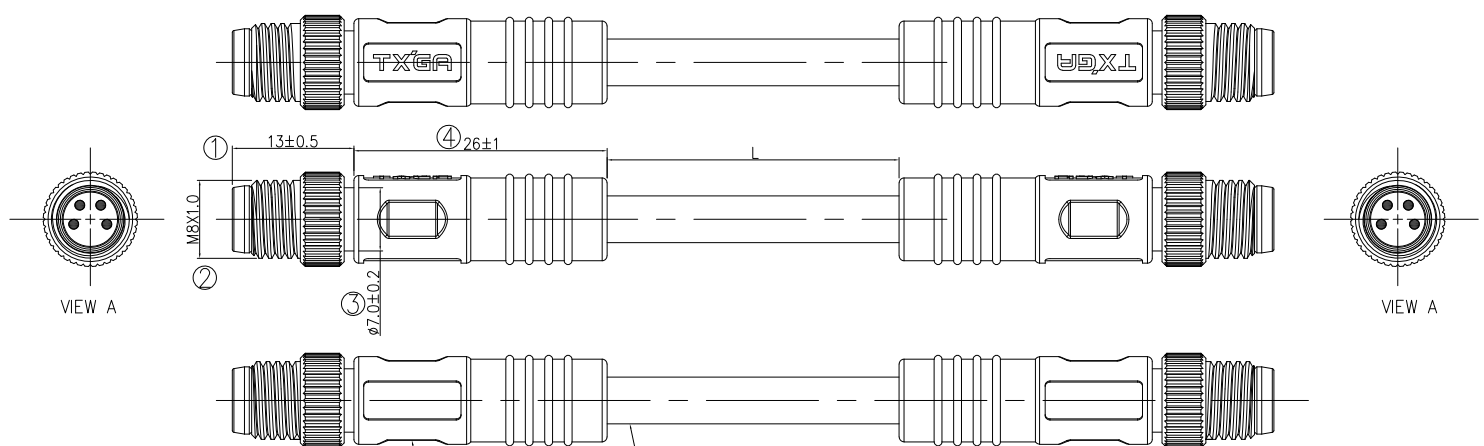


1	2	3	4	5	6	7	8			
Coded	2circuits	3circuits	4circuits	5circuits	REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
A-Coded					0		New Release	13/Nov	LAM	FRANK
B-Coded					<p>Note:</p> <p>1. \otimes Important Dimension</p> <p>2. Waterproof Rate: IP68</p> <p>3. This product must meet IEC61076-2-104</p> <p>4. This product must meet 2011/65/EU ROHS compliance.</p> <p>5. Not note tolerances: ± 0.20</p>					
D-Coded										
VIEW A										



Ordering Information

FM8C 08 04 01 - X XX E XXXXX 00

1 2 3 4 5 6 7 8

- 1 Cable type: FM8C-M8 Cable
- 2 Cable category: 08-Male Straight double side
- 3 Mounting thread: 04-M8X1.0
- 4 Distinction num: 01
- 5 Coded: A-A CODED, B-B CODED, D-D CODED
- 6 Circuits: 02-2Circuits, 03-3Circuits, ... 08-8Circuits
- 7 Angle-Key: E-0°
- 8 Cable length: XXXXX-(see table1)

TABLE 1

L (XXXXX)	00050	00100	00150	00200	...	00990
	50mm	100mm	150mm	200mm	...	990mm
	01000	01500	02000	10000	...	99900
	1M	1.5M	2M	10M	...	99.9M
Dimensions L (mm)						
Range(length)	50 to 200	201 to 500	1001 to 5000	5000 to 9000		
Tolerance(mm)	±10	±15	±25	±30		

Cable product information									
Coded	Circuits	Rated voltage	Rated impulse voltage	Rated current	Insulation resistance	O.D	Wire Size(mm²)AWG		
A	2Circuits	60V	1500V	4A	≥100MΩ	4.5	0.35mm² /22AWG		
	3Circuits	60V	1500V	4A	≥100MΩ	5.0	0.35mm² /22AWG		
	4Circuits	60V	1500V	4A	≥100MΩ	5.5	0.35mm² /22AWG		
B	5Circuits	60V	1500V	4A	≥100MΩ	6.0	0.35mm² /22AWG		
	4Circuits	63V	1500V	4A	≥100MΩ	6.7	0.35mm² /22AWG		
4	UL 20549 (2C/3C/4C/5C)22AWG, AB, JACKET: BK, PUR								
3	Overmold: PVC black 30P								
2	Innermold: PVC black 30P								
1	M8x1.0 (A/B/D)-Coded (2/3/4/5)circuits male shielded plug								

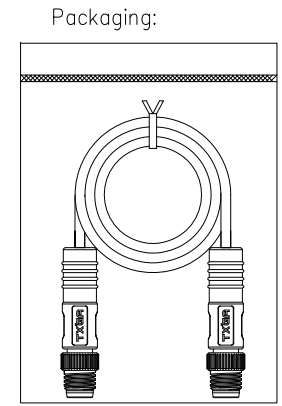
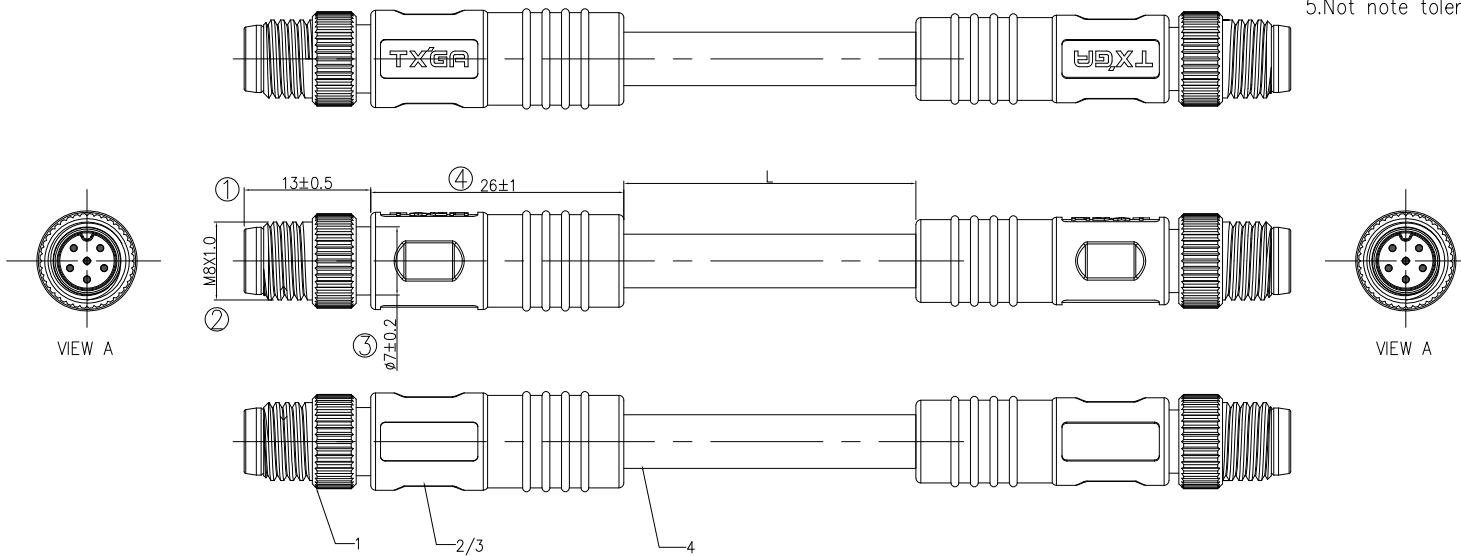
 THIRD ANGLE PROJECTION DESIGN UNITS Metric SCALE 2:1 SIZE A4	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	 Building Technology Cornerstone REV 0 SHEET NO. 1/2
	X.±0.30	.X'±5'	FRANK	24/Aug/23	FM8C080401-XXXEXXXXX00	FM8C080401	
	X.X±0.20	.X'±2'	CHECKED BY	DATE	TITLE		
	X.XX±0.15	.XX'±1'	CHERY	24/Aug/23	M8X1.0 CABLE STRAIGHT SINGLE DOUBLE MALE SIDE With SHIELDED		
X.XXX±0.10	.XXX'±0.5'	DRAWN BY	DATE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S,Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
LAM			24/Aug/23				

ELECTRICAL

1. Withstanding Voltage: DC 300V
2. Conduction Impedance: 3Ω (Max)
3. Insulation Resistance: 10MΩ (Min)

1	2	3	4	5	6	7	8			
Coded	6circuits	7circuits	8circuits		REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
A-Coded					0		New Release	13/Nov	LAM	FRANK
VIEW A										

Note:
 1. \otimes 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



Ordering Information

1	2	3	4
FM8C	08	04	01
1	2	3	4
X	XX	E	XXXXX
00			

1 Cable type
FM8C-M8 Cable

2 Cable category
08-Male Straight double side

3 Mounting thread
04-M8X1.0

4 Distinction num
01

5 Coded
A-A CODED
B-B CODED
D-D CODED

6 Circuits
02-2Circuits
03-3Circuits
...
08-8Circuits

7 Angle-Key
E-0°

8 Cable length
XXXXX-(see table1)

TABLE 1

L (XXXXX)	00050	00100	00150	00200	...	00990
	50mm	100mm	150mm	200mm	...	990mm
	01000	01500	02000	10000	...	99900
	1M	1.5M	2M	10M	...	99.9M
Dimensions L (mm)						
Range(length)	50 to 200	201 to 500	1001 to 5000	5000 to 9000		
Tolerance(mm)	±10	±15	±25	±30		

6Circuits (A-Coded)		7Circuits(A-Coded)		8Circuits(A-Coded)	
Shell-Braid	Wire Color	Shell-Braid	Wire Color	Shell-Braid	Wire Color
6	Pink	7	Blue	8	Red
5	Grey	6	Pink	7	Blue
4	Black	5	Grey	6	Pink
3	Blue	4	Yellow	5	Grey
2	White	3	Green	4	Yellow
1	Brown	2	Brown	3	Green
		1	White	2	Brown
				1	White

Cable product Information							
Coded	Circuits	Rated voltage	Rated impulse voltage	Rated current	Insulation resistance	O.D	Wire Size(mm ²)AWG
A	6Circuits	30V	800V	1.5A	≥100MΩ	5.5	0.25mm ² /24AWG
	7Circuits	30V	800V	1.5A	≥100MΩ	5.5	0.25mm ² /24AWG
	8Circuits	30V	800V	1.5A	≥100MΩ	6.0	0.25mm ² /24AWG
4	UL 20549 (6C/7C/8C)/24AWG, AB, JACKET: BK, PUR						
3	Overmold: PVC black 30P						
2	Innermold: PVC black 30P						
1	M8x1.0 A-Coded (6/7/8)circuits male shielded plug						

 THIRD ANGLE PROJECTION DESIGN UNITS Metric SCALE 2:1 SIZE A4	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	 Building Technology Cornerstone REV 0 SHEET NO. 2/2
	X.±0.30	.X'±5'	FRANK	24/Aug/23	FM8C080401-XXXEXXXXX00	FM8C080401	
	X.X±0.20	.X'±2'	CHECKED BY	DATE	TITLE		
	X.XX±0.15	.XX'±1'	CHERRY	24/Aug/23	M8x1.0 CABLE STRAIGHT SINGLE Double MALE SIDE With SHIELDED		
	X.XXX±0.10	.XXX'±0.5'	DRAWN BY	DATE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
			LAM	24/Aug/23			

ELECTRICAL
1. Withstanding Voltage: DC 300V
2. Conduction Impedance: 3Ω (Max)
3. Insulation Resistance: 10MΩ (Min)