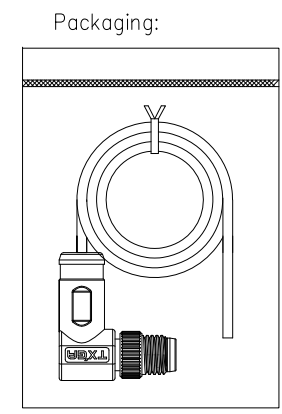
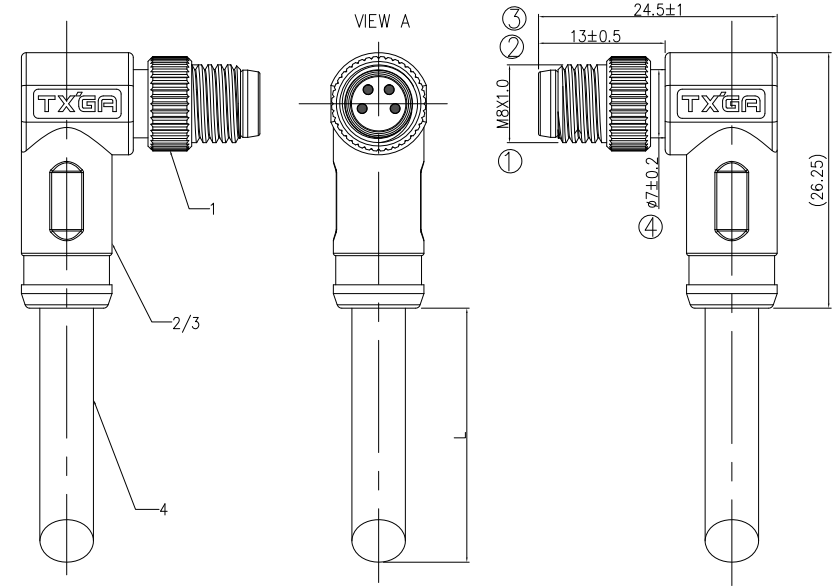


	1	2	3	4	5
Coded	2circuits	3circuits	4circuits	5circuits	
A-Coded				/	
B-Coded					
VIEW A					

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
0		New Release	13/Nov	LAM	FRANK

Note:  
 1.  $\text{⊗}$  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:  $\pm 0.20$



Ordering Information

FM8C 04 04 01 - X XX R XXXXX 00  
 1 2 3 4 5 6 7 8

1 Cable type: FM8C-M8 Cable  
 2 Cable category: 04-Male Right angle to open  
 3 Mounting thread: 04-M8X1.0  
 4 Distinction num: 01

5 Coded: A-A CODED, B-B CODED  
 6 Circuits: 02-2Circuits, 03-3Circuits, ... 08-8Circuits  
 7 Angle-Key: R-90°  
 8 Cable length: XXXXX-(see table)

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		

2Circuits (A-Coded)		3Circuits (A-Coded)		4Circuits (A-Coded)		5Circuits(B-Coded)	
Shell-Braid		Shell-Braid		Shell-Braid		Shell-Braid	
3	Blue	4	Black	5	Gray	4	Black
1	Brown	1	Brown	2	White	1	Brown
Circuits	wire color	Circuits	wire color	Circuits	wire color	Circuits	wire color

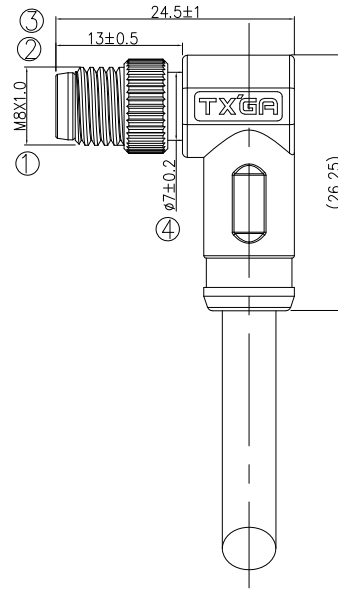
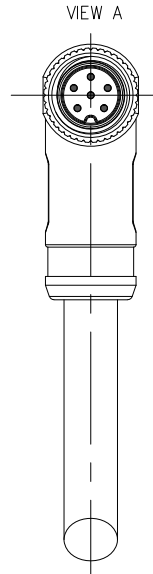
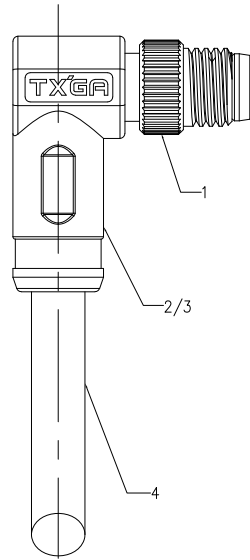
Cable product Information							
Coded	Circuits	Rated voltage	Rated impulse voltage	Rated current	Insulation resistance	O.D	Wire Size(mm <sup>2</sup> )AWG
A	2Circuits	60V	1500V	4A	≥100MΩ	4.5	0.35mm <sup>2</sup> /22AWG
	3Circuits	60V	1500V	4A	≥100MΩ	5.0	0.35mm <sup>2</sup> /22AWG
	4Circuits	60V	1500V	4A	≥100MΩ	5.5	0.35mm <sup>2</sup> /22AWG
B	5Circuits	60V	1500V	4A	≥100MΩ	6.0	0.35mm <sup>2</sup> /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)-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	FM8C040401-XXXXXXXX00	FM8C040401	
	X.XX±0.20	.X'±2'	CHECKED BY	DATE	TITLE		
	X.XX±0.15	.XX'±1'	CERRY	24/Aug/23	M8X1.0 CABLE Right angle SINGLE END 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)

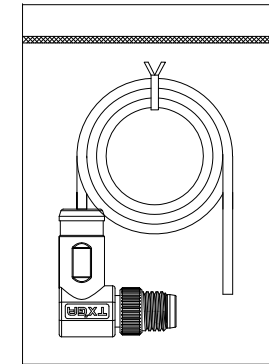
1	2	3	4	5	6	7	8		
Coded	6circuits	7circuits	8circuits	REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
A-Coded				0		New Release	13/Nov	LAM	FRANK

VIEW A



- Note:
- ⊗ 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

Packaging:



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

Cable product Information							
Coded	Circuits	Rated voltage	Rated impulse voltage	Rated current	Insulation resistance	O.D	Wire Size(mm <sup>2</sup> )/AWG
A	6Circuits	30V	800V	1.5A	≥100MΩ	5.5	0.25mm <sup>2</sup> /24AWG
	7Circuits	30V	800V	1.5A	≥100MΩ	5.5	0.25mm <sup>2</sup> /24AWG
	8Circuits	30V	800V	1.5A	≥100MΩ	6.0	0.25mm <sup>2</sup> /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						

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

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	 Building Technology Cornerstone	
	X.±0.30	.X'±5'	FRANK	24/Aug/23	FM8C040401-XXXXRXXXXX00	FM8C040401		
	DESIGN UNITS Metric	X.XX±0.20	.X'±2'	CHECKED BY	DATE	TITLE		REV 0
	SCALE 2:1	X.XX±0.15	.XX'±1'	CHERRY	24/Aug/23	M8x1.0 CABLE Right angle SINGLE END MALE SIDE With SHIELDED		SHEET NO. 2/2
	X.XXX±0.10	.XXX'±0.5'	DRAWN BY LAM	DATE 24/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			