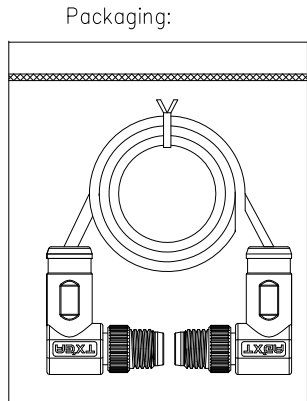
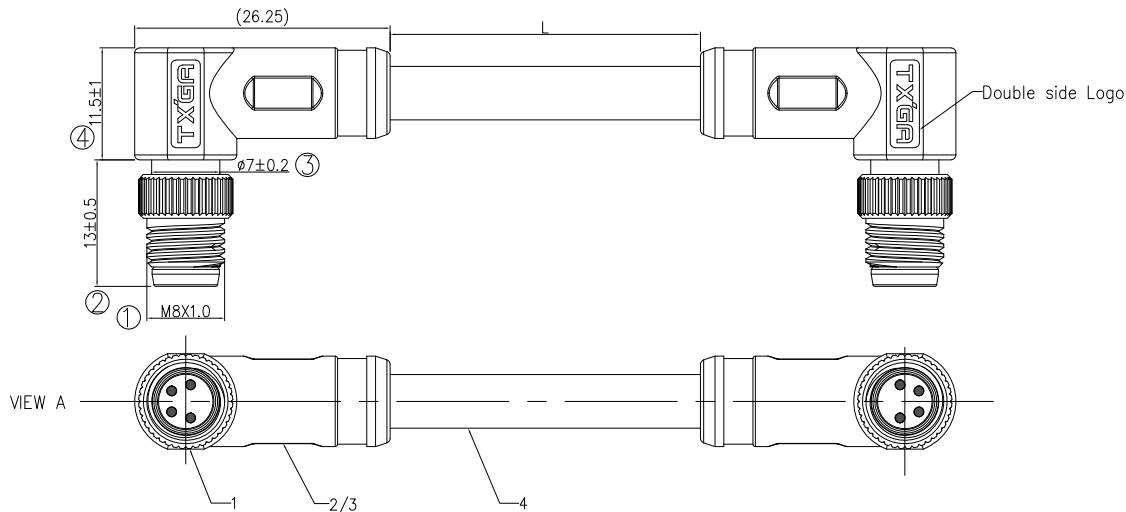


	1	2	3	4	5	6	7	8
Coded	2circuits	3circuits	4circuits	5circuits				
A-Coded								
B-Coded								
VIEW A								

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

Note:
 1. $\text{\textcircled{*}}$ 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

FM8C 09 04 01 - X XX R XXXXX 00
 1 2 3 4 5 6 7 8

1 Cable type FM8C-M8 Cable
 2 Cable category 09-Male Right angle Double
 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 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		

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

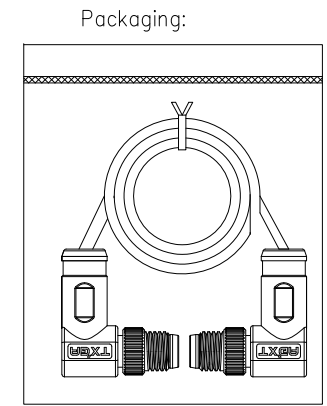
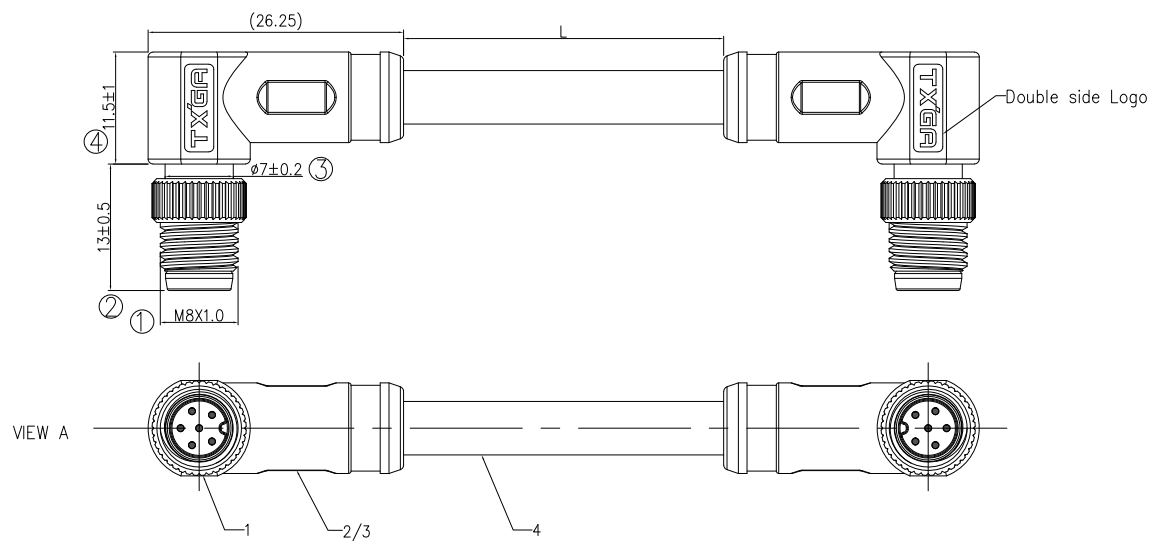
Cable product Information							
Coded	Circuits	Rated voltage	Rated impulse voltage	Rated current	Insulation resistance	O.D	Wire Size(mm ²)AWG
A	2Circuits	60V	1500V	4A	≥100MΩ	4.5	0.35mm ² /22AWG
	3Circuits	60V	1500V	4A	≥100MΩ	5.0	0.35mm ² /22AWG
	4Circuits	60V	1500V	4A	≥100MΩ	5.5	0.35mm ² /22AWG
B	5Circuits	60V	1500V	4A	≥100MΩ	6.0	0.35mm ² /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	FM8C090401-XXXXRXXXXX00	FM8C090401	
	X.XX±0.20	.X'±2'	CHECKED BY	DATE	TITLE		
	X.XX±0.15	.XX'±1'	CHERRY	24/Aug/23	M8X1.0 CABLE Right angle 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. $\text{\textcircled{*}}$ 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
Cable type	Cable category	Mounting thread	Distinction num
FM8C-M8 Cable	09-Male Right angle Double	04-M8X1.0	01
5	6	7	8
Coded	Circuits	Angle-Key	Cable length
A-A CODED B-B CODED	02-2Circuits 03-3Circuits ... 08-8Circuits	R-90°	XXXX- (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	Shell-Braid	Shell-Braid	Shell-Braid	Shell-Braid	Shell-Braid
6	7	7	8	7	Red
Pink	Blue	Blue	Blue	Blue	Blue
5	6	6	6	6	Pink
Grey	Grey	Grey	Grey	Grey	Grey
4	5	5	4	4	Yellow
Black	Yellow	Yellow	Yellow	Yellow	Yellow
3	4	4	3	3	Green
Blue	Green	Green	Green	Green	Green
2	3	3	2	2	Brown
White	Brown	Brown	Brown	Brown	Brown
1	2	2	1	1	White
Brown	White	White	White	White	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 ²)AWG
A	6Circuits	30V	800V	1.5A	$\geq 100\Omega$	5.5	0.25mm ² /24AWG
	7Circuits	30V	800V	1.5A	$\geq 100\Omega$	5.5	0.25mm ² /24AWG
	8Circuits	30V	800V	1.5A	$\geq 100\Omega$	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 $\pm 5^{\circ}$	FRANK	24/Aug/23	FM8C090401-XXXXRXXXXX00	FM8C090401	
	X.X ± 0.20	.X $\pm 2^{\circ}$	CHECKED BY	DATE	TITLE		
	X.XX ± 0.15	.XX $\pm 1^{\circ}$	CHERRY	24/Aug/23	M8X1.0 CABLE Right angle Double MALE SIDE With SHIELDED		
X.XXX ± 0.10	.XXX $\pm 0.5^{\circ}$	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: 3 Ω (Max)
3. Insulation Resistance: 10M Ω (Min)