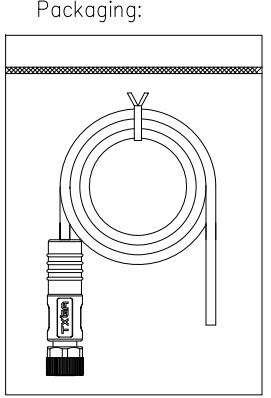
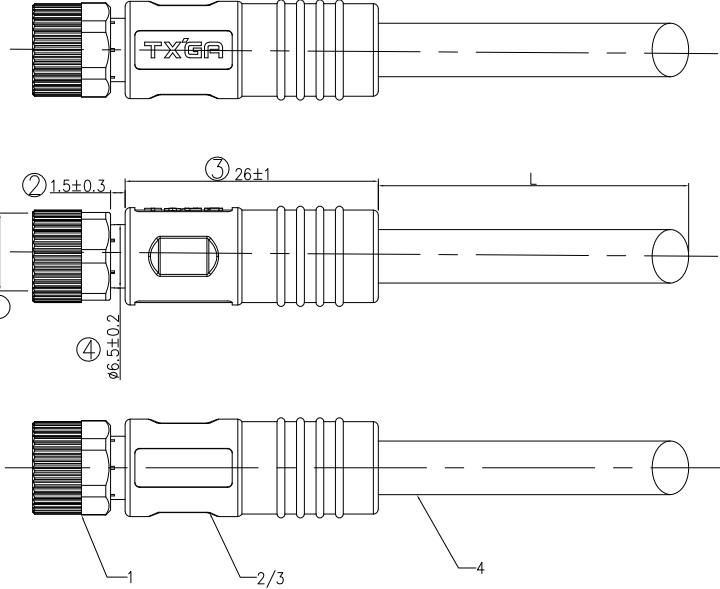


	1	2	3	4	5	6	7	8
	Coded	2circuits	3circuits	4circuits	5circuits			
A	A-Coded							
	B-Coded	/						
	D-Coded							
	VIEW A							

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

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

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

1 Cable type: FM8C-M8 Cable
 2 Cable category: 01-Female Straight to open
 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 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)	4Circuits(D-Coded)
Shell-Braid	Shell-Braid	Shell-Braid	Shell-Braid	Shell-Braid
4	3	2	1	1
Black	Blue	White	Brown	Yellow
4	3	2	1	1
Black	Blue	White	Brown	Yellow
5	3	2	1	1
Gray	Blue	White	Brown	Yellow
4	3	2	1	1
Black	Blue	White	Brown	Yellow

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	$\geq 100\Omega$	4.5	0.35mm ² /22AWG
	3Circuits	60V	1500V	4A	$\geq 100\Omega$	5.0	0.35mm ² /22AWG
	4Circuits	60V	1500V	4A	$\geq 100\Omega$	5.5	0.35mm ² /22AWG
B	5Circuits	60V	1500V	4A	$\geq 100\Omega$	6.0	0.35mm ² /22AWG
	D 4Circuits	63V	1500V	4A	$\geq 100\Omega$	6.7	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/D)-Coded (2/3/4/5)circuits female shielded plug						

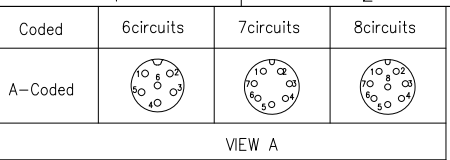
THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.
	X ± 0.30	X $\pm 5^\circ$	FRANK	24/Aug/23	FM8C010401-XXXXXXXX00	FM8C010401
	X.X ± 0.20	.X $\pm 2^\circ$	CHECKED BY	DATE	TITLE	
SCALE	SIZE	X.XX ± 0.15	.XX $\pm 1^\circ$	CHERRY	24/Aug/23	M8x1.0 CABLE STRAIGHT SINGLE END FEMALE SIDE With SHIELDED
2:1	A4	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	REV 0 SHEET NO. 1/2

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

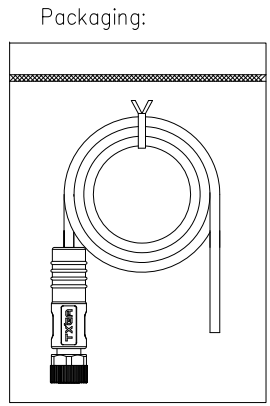
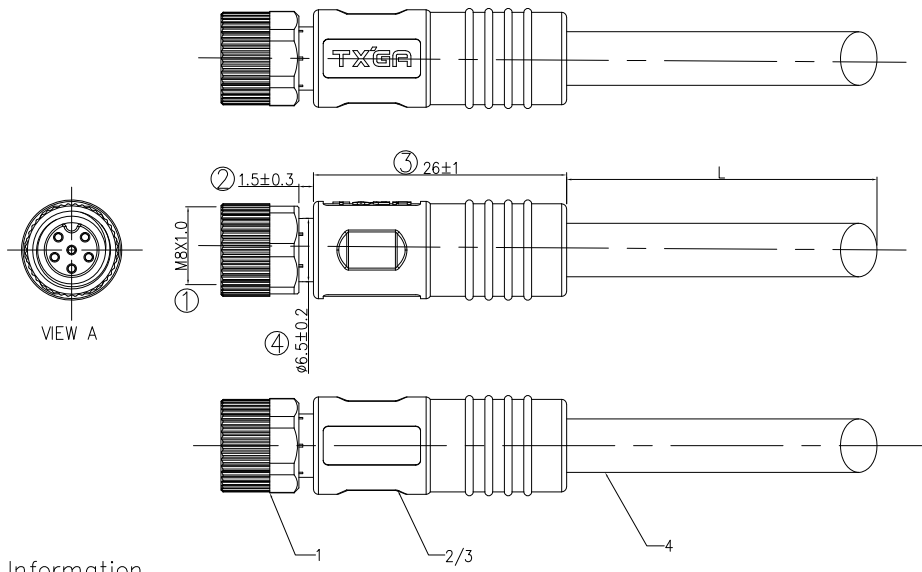


Building Technology Cornerstone

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



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



Ordering Information

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

- 1 Cable type: FM8C-M8 Cable
- 2 Cable category: 01-Female Straight to open
- 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 female shielded plug						

<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	<p>Building Technology Cornerstone</p>
	X.±0.30	.X'±5'	FRANK	24/Aug/23	FM8C010401-XXXEXXXXX00	FM8C010401	
	DESIGN UNITS Metric		CHECKED BY	DATE	TITLE		
	X.XX±0.20	.X'±2'	CHERRY	24/Aug/23	M8X1.0 CABLE STRAIGHT SINGLE END FEMALE SIDE With SHIELDED		
SCALE	SIZE	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		
2:1	A4	LAM		24/Aug/23			

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