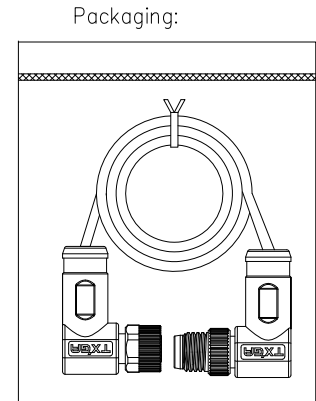
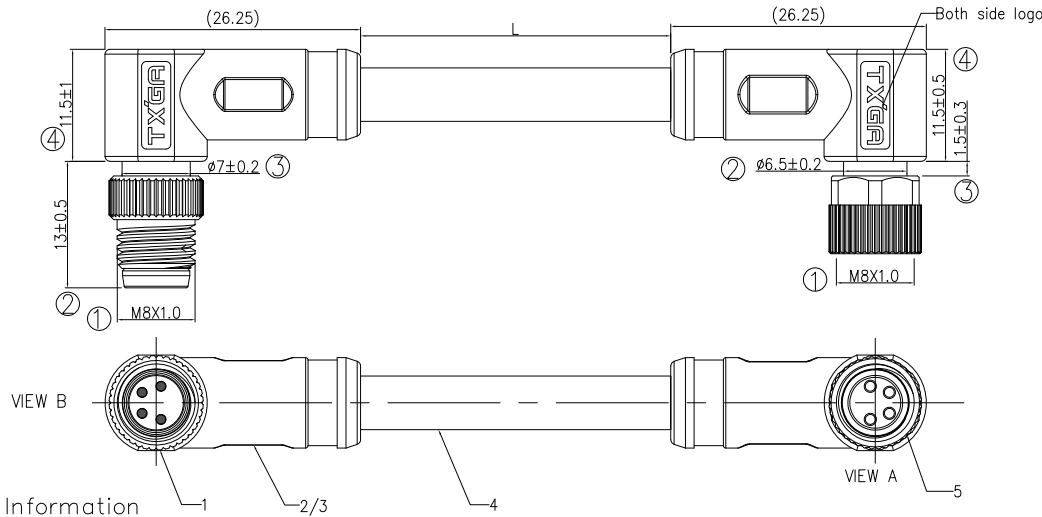


REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
0		New Release	13/Nov	LAM	FRANK

- 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



Ordering Information

FM8C 14 04 01 - X XX R XXXXX 00

1 Cable type FM8C-M8 Cable
 2 Cable category 14-RA male to RA Female
 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 (XXXX)	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		

WIRING CHART(FEMALE Front View) PIN to PIN							
2Circuits (A-Coded)		3Circuits (A-Coded)		4Circuits (A-Coded)		5Circuits(B-Coded)	
Shell-Braid	Shell-Braid	Shell-Braid	Shell-Braid				
3	4	4	4	5	5	5	5
Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue
		2	2	2	2	2	2
		Brown	Brown	Brown	Brown	Brown	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(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
5	M8x1.0 (A/B)-Coded (2/3/4/5)circuits female shielded plug						
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						

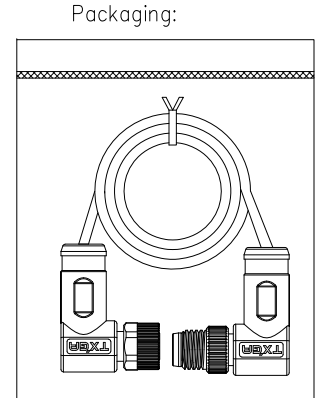
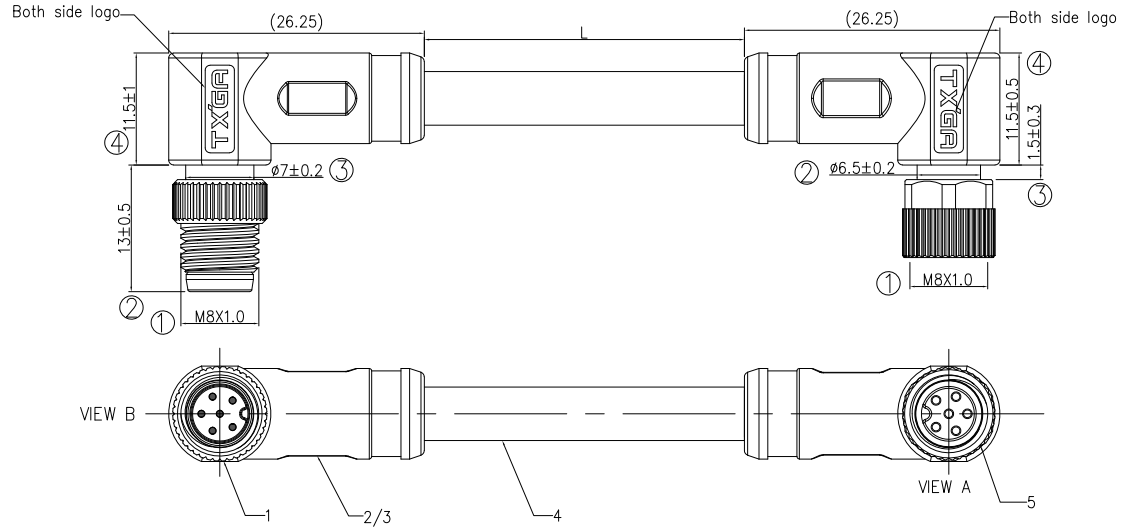
 THIRD ANGLE PROJECTION DESIGN UNITS Metric SCALE 2:1 SIZE A4	GENERAL TOLERANCES (UNLESS SPECIFIED)	APPROVE BY FRANK	DATE 24/Aug/23	PART NO. FM8C140401-XXXXXXX00	ITEM NO. FM8C140401	 Building Technology Cornerstone REV 0 SHEET NO. 1/2
	X.±0.30	X.±5'	CHECKED BY CHERRY	DATE 24/Aug/23	TITLE M8X1.0 CABLE Right angle FEMALE TO Right angle MALE With SHIELDED	
	X.XX±0.20	.X'±2'	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	
	X.XX±0.15	.XX'±1'				
X.XXX±0.10	.XXX'±0.5'					

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	Coded	6circuits	7circuits	8circuits
A-Coded				A-Coded			
VIEW A(FEMALE)				VIEW B(MALE)			

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 14 04 01 - X XX R XXXXX 00

- 1 Cable type: FM8C-M8 Cable
- 2 Cable category: 14-RA male to RA Female
- 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		

WIRING CHART(FEMALE Front View) PIN TO PIN					
6Circuits (A-Coded)		7Circuits(A-Coded)		8Circuits(A-Coded)	
Shell-Braid	Shell-Braid	Shell-Braid	8	Red	
	7	Blue	7	Blue	
6	Pink	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	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
5	M8x1.0 A-Coded (6/7/8)circuits male shielded plug					
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					

 THIRD ANGLE PROJECTION DESIGN UNITS Metric SCALE 2:1 SIZE A4	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.
	X. ± 0.30	X. $\pm 5^{\circ}$	FRANK	24/Aug/23	FM8C140401-XXXXXXX00	FM8C140401
	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 FEMALE TO Right angle MALE 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)