

1	2	3	4	5	6	7	8			
Coded	6circuits	7circuits	8circuits		REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
A-Coded										
VIEW A										

- Note:
1. Waterproof Rate: IP68
 2. This product must meet IEC61076-2-101
 3. This product must meet 2011/65/EU ROHS compliance.
 4. Not note tolerances: ± 0.20
 5. Electronic wire UL 1569 PVC

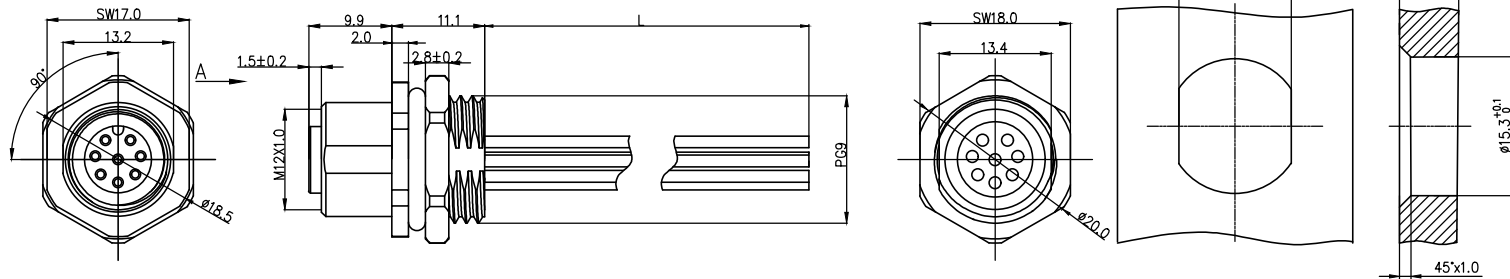


TABLE 1

L (XXXX)	0050	0100	0150	0200	...	0990
	50mm	100mm	150mm	200mm	...	990mm
	1000	1500	2000	3000	...	9999
	1M	1.5M	2M	3M	...	9.999M
Dimensions L (mm)						
Range(length)	50 to 200	201 to 500	1001 to 5000	5000 to 9000		
Tolerance(mm)	± 10	± 15	± 25	± 30		
PACKING SPECIFICATION						
Range(length)	50 to 200	201 to 1000	1001 to 5000			
	5pcs/Bag	2pcs/Bag	1pcs/Bag			

Ordering Information

FM12WR15 02 - X XX S 1 XX XXXX 00
 1 2 3 4 5 6 7 8 9

1 Category FM12W-M12 Wire	2 Mounting thread R15-Rear mounting PG9	3 Distinction num. 02	4 Coded A-A CODED B-B CODED D-D CODED
5 Circuits 02-2Circuits 03-3Circuits ... 17-17Circuits	6 Contact S-socket	7 Contact plating 1-Gold plated	8 Contact plating thickness 01-0.025 μ m 03-0.075 μ m
			9 Cable length XXXX-(see table1)

6Circuits		7Circuits		8Circuits	
7	Blue	7	Blue	7	Blue
6	Pink	6	Pink	6	Pink
		5	Gray	5	Gray
4	Yellow	4	Yellow	4	Yellow
3	Green	3	Green	3	Green
2	Brown	2	Brown	2	Brown
1	White	1	White	1	White
Circuits	wire color	Circuits	wire color	Circuits	wire color

Circuits	Rated voltage	Rated impulse voltage	Rated current	Contact resistance	Insulation resistance	O.D	Wire size(mm ²) AWG
6Circuits	30V	800V	2A	$\leq 5m\Omega$	$\geq 100M\Omega$	1.4	0.25mm ² /24AWG
7Circuits	30V	800V	2A	$\leq 5m\Omega$	$\geq 100M\Omega$	1.4	0.25mm ² /24AWG
8Circuits	30V	800V	2A	$\leq 5m\Omega$	$\geq 100M\Omega$	1.4	0.25mm ² /24AWG

Recommended Panel Cut-Out

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

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	 Building Technology Cornerstone	
	X. ± 0.30	X.* $\pm 5^\circ$	LEO	27/Apr/24	FM12WR1502-XXXS1XXXXXX00	FM12WR1502		
	DESIGN UNITS METRIC		CHECKED BY	DATE	TITLE			
SCALE 1:1	SIZE A4	X.X ± 0.20	X.XX $\pm 2^\circ$	GISELLE	27/Apr/24	M12 female socket, unshielded, with wire, 2~12 circuits, PG9, rear lock, codes A/B/D, double flat position	REV 0	SHEET NO. 2/3
		X.XX ± 0.15	X.XX* $\pm 1^\circ$	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		
		X.XXX ± 0.10	X.XXX* $\pm 0.5^\circ$	King	27/Apr/24			

