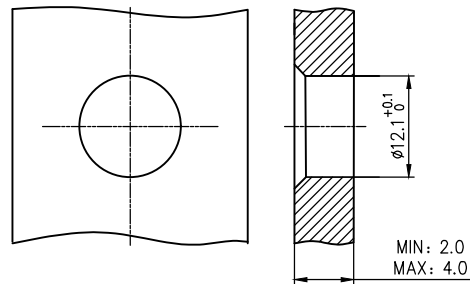


- Note:
- 1.Waterproof Rate:IP68
 - 2.This product must meet IEC61076-2-101
 - 3.This product must meet 2011/65/EU ROHS compliance.
 - 4.Not note tolerances:±0.20



Recommended Panel Cut-Out

Ordering Information

FM12SR08 34 - X XX P 1 XX W 00

1 2 3 4 5 6 7 8 9

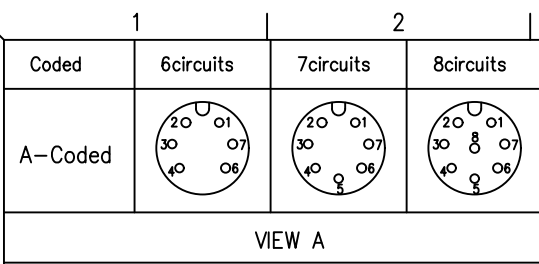
1 Category FM12S-M12 Socket 2 Mounting thread R08-Rear mounting M12X1.0 3 Distinction num. 34 4 Coded A-A CODED B-B CODED D-D CODED

5 Circuits 02-2Circuits 03-3Circuits ... 17-17Circuits 6 Contact P-Pin 7 Contact plating 1-Gold plated 8 Contact plating thickness 01-0.025µm 03-0.075µm 9 Wiring type W-Soldering

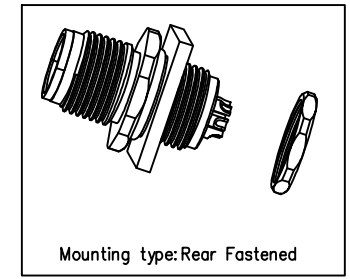
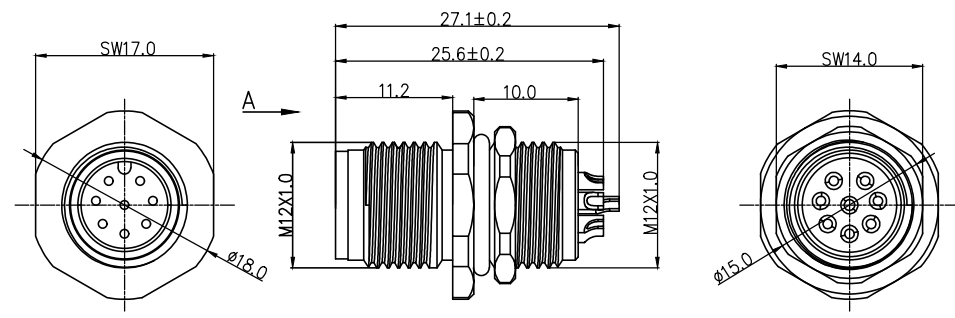
Circuits	Rated Voltage	Rated impulse Voltage	Rated Current	Contact resistance	Insulation resistance
2Circuits	250V	2500V	4A	≤5mΩ	≥100MΩ
3Circuits	250V	2500V	4A	≤5mΩ	≥100MΩ
4Circuits	250V	2500V	4A	≤5mΩ	≥100MΩ
5Circuits	60V	1500V	4A	≤5mΩ	≥100MΩ

Installation category	Soldering
Degree of protection	IP68(in mated condition)
Mechanical operation	> 100 mating cycles
Upper temperature	105°C
Lower temperature	-40°C
Pollution degree	3
Overtoltage categorie	II
Material group	II
Material of contact	CuZn
Contact plating	Au
Material of contact body	PA66
Sealing	EPDM
Material of housing	alloy

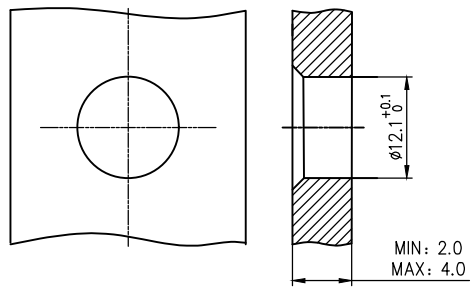
THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 27/Jun/25	PART NO. FM12SR0834-XXXP1XXW00	ITEM NO. FM12SR0834	<p>Building Technology Cornerstone</p>
	DESIGN UNITS METRIC	X.X ±0.30 X.XX ±0.20 X.XX ±0.15 X.XXX ±0.10	X.* ±5° X.XX' ±2° X.XX' ±1' X.XXX' ±0.5°	CHECKED BY GISELLE	DATE 27/Jun/25	TITLE M12 male socket, unshielded, soldering, 2-12 circuits, M12X1.0, rear lock, codes A/B/D, double flat position	
SCALE 1:1	SIZE A4	DRAWN BY King		DATE 27/Jun/25	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		



REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



- 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



Recommended Panel Cut-Out

Ordering Information

FM12SR08 34 - X XX P 1 XX W 00

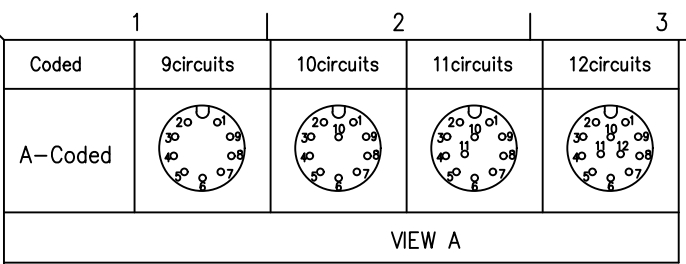
1 2 3 4 5 6 7 8 9

1 Category FM12S-M12 Socket	2 Mounting thread R08-Rear mounting M12X1.0	3 Distinction num. 34	4 Coded A-A CODED B-B CODED D-D CODED
5 Circuits 02-2Circuits 03-3Circuits ... 17-17Circuits	6 Contact P-Pin	7 Contact plating 1-Gold plated	8 Contact plating thickness 01-0.025µm 03-0.075µm
9 Wiring type W-Soldering			

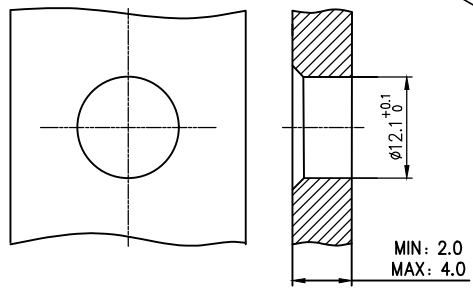
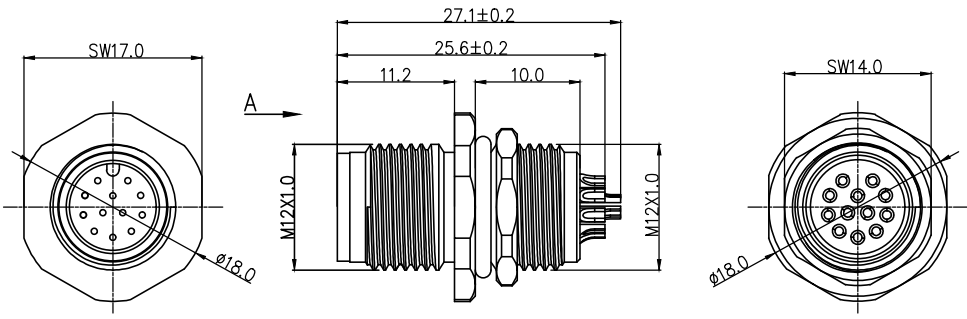
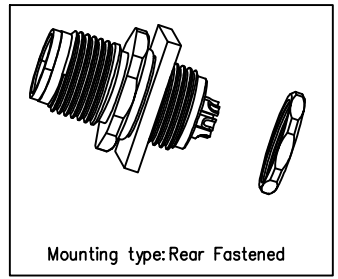
Installation category	Soldering
Degree of protection	IP68(in mated condition)
Mechanical operation	> 100 mating cycles
Upper temperature	105°C
Lower temperature	-40°C
Pollution degree	3
Overtoltage categorie	II
Material group	II
Material of contact	CuZn
Contact plating	Au
Material of contact body	PA66
Sealing	EPDM
Material of housing	alloy

Circuits	Rated Voltage	Rated impulse Voltage	Rated Current	Contact resistance	Insulation resistance
6Circuits	30V	800V	2A	≤5mΩ	≥100MΩ
7Circuits	30V	800V	2A	≤5mΩ	≥100MΩ
8Circuits	30V	800V	2A	≤5mΩ	≥100MΩ

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 27/Jun/25	PART NO. FM12SR0834-XXXP1XXW00	ITEM NO. FM12SR0834	
	X. ±0.30	X.* ±5°	CHECKED BY GISELLE	DATE 27/Jun/25	TITLE M12 male socket, unshielded, soldering, 2-12 circuits, M12X1.0, rear lock, codes A/B/D, double flat position		
DESIGN UNITS METRIC	X.X ±0.20	X.X* ±2°	DRAWN BY King	DATE 27/Jun/25	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
SCALE 1:1	SIZE A4	X.XX ±0.15	X.XX* ±1°				SHEET NO. 2/3
		X.XXX ±0.10	X.XXX* ±0.5°				



REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



- 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

Recommended Panel Cut-Out

Ordering Information

FM12SR08 34 - X XX P 1 XX W 00

1 2 3 4 5 6 7 8 9

1 Category	2 Mounting thread	3 Distinction num.	4 Coded
FM12S-M12 Socket	R08-Rear mounting M12X1.0	34	A-A CODED B-B CODED D-D CODED

5 Circuits	6 Contact	7 Contact plating	8 Contact plating thickness	9 Wiring type
02-2Circuits 03-3Circuits ... 17-17Circuits	P-Pin	1-Gold plated	01-0.025µm 03-0.075µm	W-Soldering

Circuits	Rated Voltage	Rated impulse Voltage	Rated Current	Contact resistance	Insulation resistance
9Circuits	30V	800V	1.5A	≤5mΩ	≥100MΩ
10Circuits	30V	800V	1.5A	≤5mΩ	≥100MΩ
11Circuits	30V	800V	1.5A	≤5mΩ	≥100MΩ
12Circuits	30V	800V	1.5A	≤5mΩ	≥100MΩ

Installation category	Soldering
Degree of protection	IP68(in mated condition)
Mechanical operation	> 100 mating cycles
Upper temperature	105°C
Lower temperature	-40°C
Pollution degree	3
Overtoltage categorie	II
Material group	II
Material of contact	CuZn
Contact plating	Au
Material of contact body	PA66
Sealing	EPDM
Material of housing	alloy

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	
	X. ±0.30	X.* ±5°	LEO	27/Jun/25	FM12SR0834-XXXP1XXW00	FM12SR0834	
DESIGN UNITS METRIC	X.X ±0.20	X.X* ±2°	CHECKED BY	DATE	TITLE		Building Technology Cornerstone REV 0 SHEET NO. 3/3
	X.XX ±0.15	X.XX* ±1°	GISELLE	27/Jun/25	M12 male socket, unshielded, soldering, 2-12 circuits, M12X1.0, rear lock, codes A/B/D, double flat position		
SCALE 1:1	SIZE A4	X.XXX ±0.10	X.XXX* ±0.5°	DRAWN BY King	DATE 27/Jun/25	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	