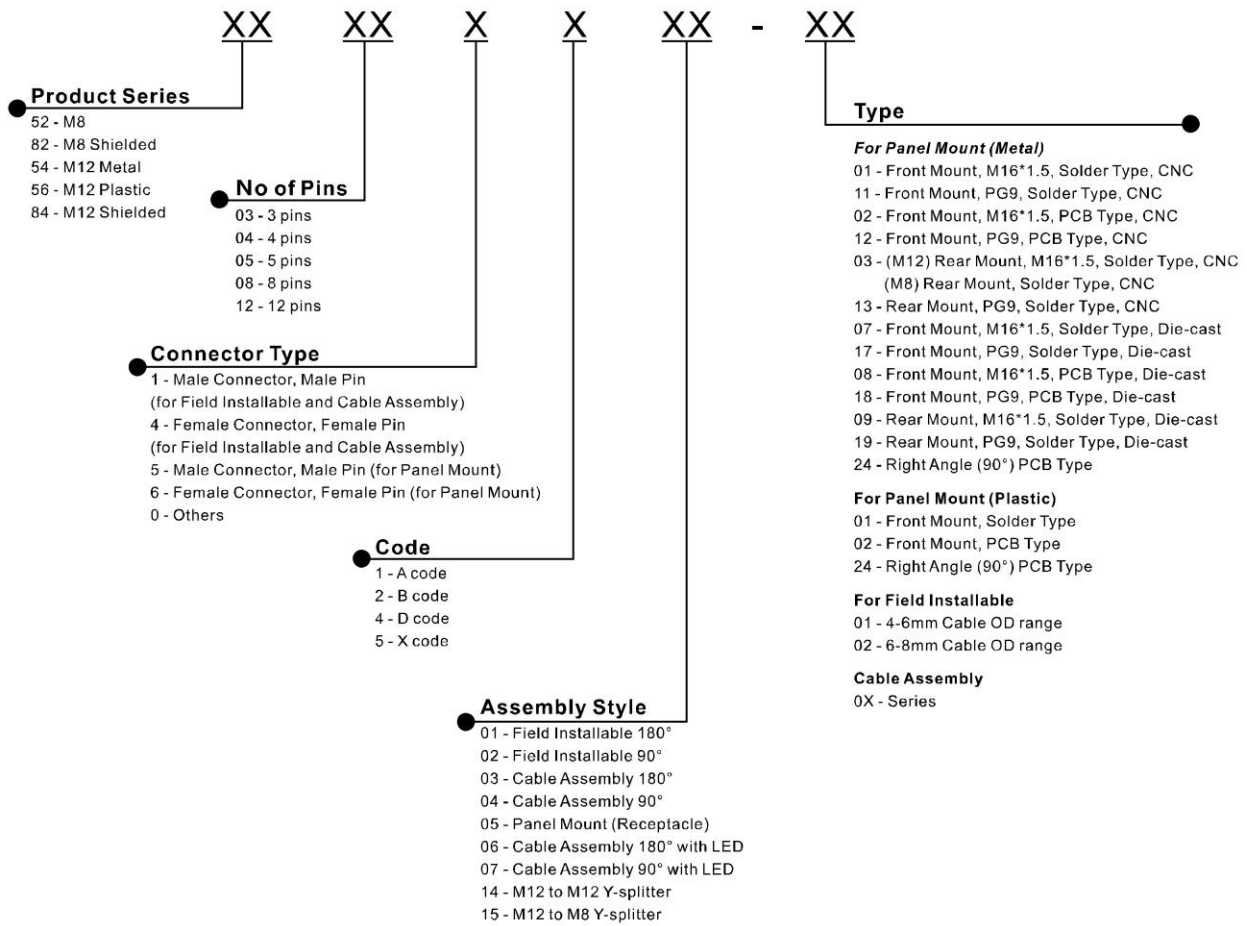


M Series - - How to order



M8 PANEL MOUNT, Straight (180°), Metal (Brass), Rear Mount, Solder Pins, Un-shielded, M8 Thread

Panel 180°, Metal, Rear Mount, Solder Pins, Un-shielded, M8 Thread, **MALE**



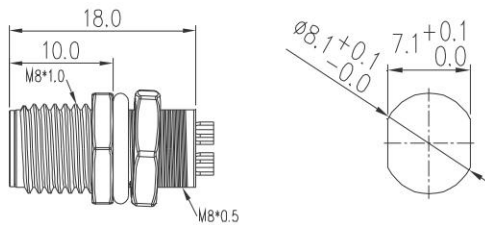
Panel 180°, Metal, Rear Mount, Solder Pins, Un-shielded, M8 Thread, **FEMALE**



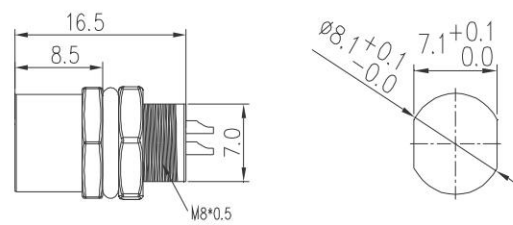
Type	Shielding	Code	No. of Pins	Part Number	
Metal, Solder Pins	Un-shielded	M8	A	3	52035105-03
Metal, Solder Pins	Un-shielded	M8	A	4	52045105-03

Type	Shielding	Code	No. of Pins	Part Number	
Metal, Solder Pins	Un-shielded	M8	A	3	52036105-03
Metal, Solder Pins	Un-shielded	M8	A	4	52046105-03

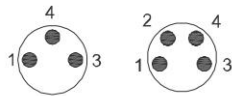
Dimension



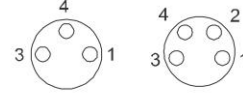
Dimension



CODING / PIN ASSIGNMENT



A-Code MALE



A-Code FEMALE

ELECTRICAL PARAMETERS

Number of Contacts	3	4
Nominal Voltage	60V	30V
Rated Current (40°C)	3A	
Contact Resistance	≤10 mΩ	
Insulation Resistance	≥100 MΩ	

ENVIRONMENTAL PARAMETERS

Temperature	-25°C ~ +85°C
Salt Spray	48H (5% Concentration of Sodium Chloride Solution)
Degree of Pollution	3
IP Rating	IP67

MECHANICAL PARAMETERS

Mechanical Life	100 Mating Cycles
Max Panel Thickness	3mm
Recommended Torque	4-6Kgf.cm

MATERIALS

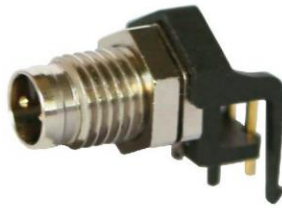
Contact	Copper Alloy, Gold over Nickel Plated
Shell	Brass, Nickel Plated
Coupling Nut	Brass, Nickel Plated
Insert	TPU, Black
O-ring	Silicon, Red

STANDARD

IEC 61076-2-104

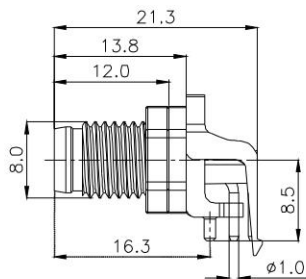
M8 PANEL MOUNT, Right Angle (90°), Metal (Brass), Front Mount, PCB Pins, Shielded, M8 Thread

Panel 90°, Metal, Front Mount, PCB Pins,
Shielded, M8 Thread, MALE

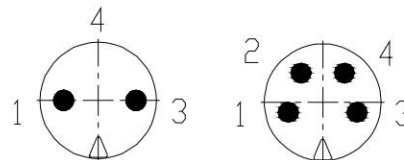


Type	Shielding	Mounting Thread	Code	No. of Pins	Part Number
Metal, 90° PCB Pins	Shielded	M8	A	3	82035105-24
Metal, 90° PCB Pins	Shielded	M8	A	4	82045105-24

Dimension



CODING / PIN ASSIGNMENT



ELECTRICAL PARAMETERS

Number of Contacts	2	4
Nominal Voltage	60V	30V
Rated Current (40°C)	3A	
Contact Resistance	≤10 mΩ	
Insulation Resistance	≥100 MΩ	

ENVIRONMENTAL PARAMETERS

Temperature	-25°C ~ +85°C
Salt Spray	48H (5% Concentration of Sodium Chloride Solution)
Degree of Pollution	3
IP Rating	IP67

MECHANICAL PARAMETERS

Mechanical Life	100 Mating Cycles
Max Panel Thickness	2.5mm
Recommended Torque	4-6Kgqf.cm

MATERIALS

Contact	Copper Alloy, Gold over Nickel Plated
Shell	Brass, Nickel Plated
Coupling Nut	Brass, Nickel Plated
Insert	TPU, Black
O-ring	CR70°, Black / Silicon Gray

STANDARD

IEC 61076-2-104

M8 CABLE ASSEMBLY, Straight (180°), Metal (DieCast) Nut, Un-shielded

Cable Assembly 180°, Metal Nut, Un-shielded, **MALE**



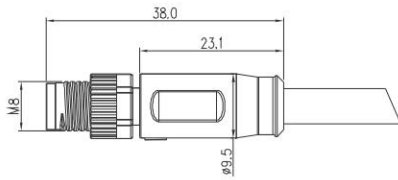
Cable Assembly 180°, Metal Nut, Un-shielded, **FEMALE**



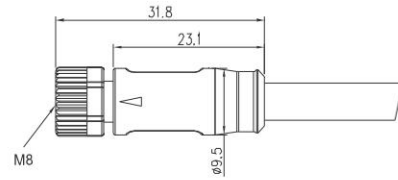
Type	Shielding	Code	No. of Pins	Part Number
Metal Nut, Straight	Un-shielded	A	3	52031103-01
Metal Nut, Straight	Un-shielded	A	4	52041103-01

Type	Shielding	Code	No. of Pins	Part Number
Metal Nut, Straight	Un-shielded	A	3	52034103-01
Metal Nut, Straight	Un-shielded	A	4	52044103-01

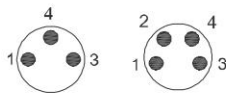
Dimension



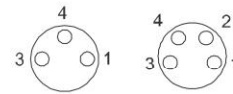
Dimension



CODING / PIN ASSIGNMENT



A-Code MALE



A-Code FEMALE

ELECTRICAL PARAMETERS

Number of Contacts	3	4
Nominal Voltage	60V	30V
Rated Current (40°C)		3A
Contact Resistance		≤10 mΩ
Insulation Resistance		≥100 MΩ

ENVIRONMENTAL PARAMETERS

Temperature	-25°C ~ +85°C for Connector. Complete Assembly Temperature Depends on Cable Jacket Material	
Salt Spray	48H (5% Concentration of Sodium Chloride Solution)	
Degree of Pollution	3	
IP Rating	IP67	

MECHANICAL PARAMETERS

Mechanical Life	100 Mating Cycles
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MATERIALS

Contact	Copper Alloy, Gold Plated
Over-Mold	TPU, Black
Coupling Nut	Zinc Alloy, Nickel Plated
Insert	TPU, Black
O-ring	NBR, Black

CABLE

Cable OD	Max. 5 mm
Wire Gauge	0.25mm ² (24AWG)
Cable Type	PUR (UL20549) / PVC (UL2517 / UL2464) / Custom Cable

STANDARD

IEC 61076-2-104

M8 CABLE ASSEMBLY, Right Angle (90°), Metal (DieCast) Nut, Un-shielded

Cable Assembly 90°, Metal Nut, Un-shielded, **MALE**



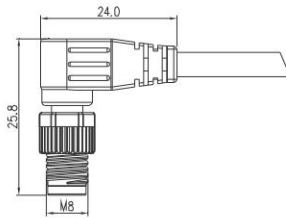
Cable Assembly 90°, Metal Nut, Un-shielded, **FEMALE**



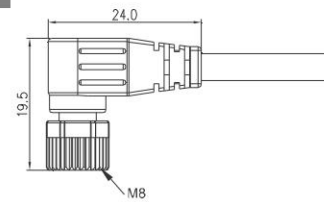
Type	Shielding	Code	No. of Pins	Part Number
Metal Nut, Right Angle	Un-shielded	A	3	52031104-01
Metal Nut, Right Angle	Un-shielded	A	4	52041104-01

Type	Shielding	Code	No. of Pins	Part Number
Metal Nut, Right Angle	Un-shielded	A	3	52034104-01
Metal Nut, Right Angle	Un-shielded	A	4	52044104-01

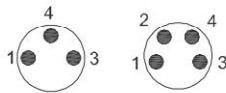
Dimension



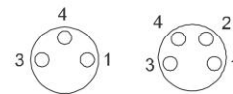
Dimension



CODING / PIN ASSIGNMENT



A-Code MALE



A-Code FEMALE

ELECTRICAL PARAMETERS

Number of Contacts	3	4
Nominal Voltage	60V	30V
Rated Current (40°C)		3A
Contact Resistance		≤ 10 mΩ
Insulation Resistance		≥ 100 MΩ

ENVIRONMENTAL PARAMETERS

Temperature	-25°C ~ +85°C for Connector. Complete Assembly Temperature Depends on Cable Jacket Material	
Salt Spray	48H (5% Concentration of Sodium Chloride Solution)	
Degree of Pollution	3	
IP Rating	IP67	

MECHANICAL PARAMETERS

Mechanical Life	100 Mating Cycles
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MATERIALS

Contact	Copper Alloy, Gold Plated
Over-Mold	TPU, Black
Coupling Nut	Zinc Alloy, Nickel Plated
Insert	TPU, Black
O-ring	NBR, Black

CABLE

Cable OD	Max. 5 mm
Wire Gauge	0.25mm ² (24AWG)
Cable Type	PUR (UL20549) / PVC (UL2517 / UL2464) / Custom Cable

STANDARD

IEC 61076-2-104