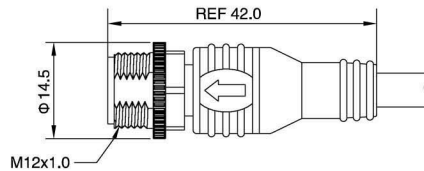




M12 Male Molded Cable, Straight

- Connector series: MSW12
- Gender: Male
- Coding: A,B,C,D
- Locking type: Fix screw
- Mounting type: Straight



General information

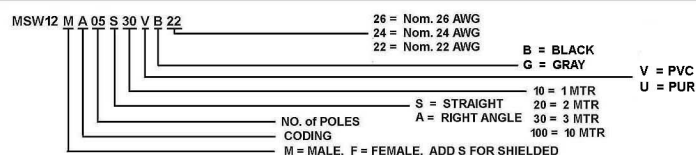


Standard:	IEC 61076-2-101
Ambient temperature:	-40°C ~ +80°C(fixed installation) -20°C ~ +80°C(flexible installation)
Connector insert:	TPU
Connector contacts:	Brass with gold plated
Connector overmold:	TPU
Coupling nut/screw:	Zinc alloy with nickel plated

Insulation resistance:	≥ 100MΩ
Contact resistance :	≤ 5mΩ
Shielding:	Unavailable
IP rating:	IP68, IP69K in locked condition
Mating endurance:	>500 cycles

Electrical data & Mechanical data

Contacts	Available Coding				Rated current	Voltage		Wire gauge / size		Cable jacket	Part No.
	A	B	C	D		A/C	D/C	AWG	mm²		
03 pins					4A	250V	250V	22AWG	0.34	PUR / PVC	MSW12MA03SXXB22 MSW12MB03SXXB22 MSW12MC03SXXB22
04 pins					4A	250V	250V	22AWG	0.34	PUR / PVC	MSW12MA04SXXB22 MSW12MB04SXXB22 MSW12MC04SXXB22 MSW12MD04SXXB22
05 pins					4A 2A (C-code)	60V	60V	22AWG 24AWG (C-code)	0.34 0.25 (C-code)	PUR / PVC	MSW12MA05SXXB22 MSW12MB05SXXB22 MSW12MC05SXXB24
06 pins					2A	30V	30V	24AWG	0.25	PUR / PVC	MSW12MC06SXXB24
08 pins					2A	30V	30V	24AWG	0.25	PUR / PVC	MSW12MA08SXXB24
12 pins					1.5A	30V	30V	26AWG	0.14	PUR / PVC	MSW12MA12SXXB26
17 pins					1.5A	30V	30V	26AWG	0.14	PUR / PVC	MSW12MA17SXXB26

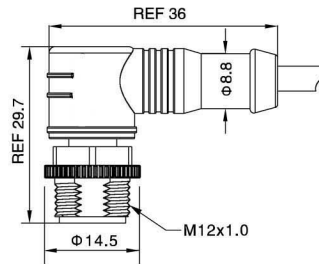


Note: X refers to cable specification



M12 Male Molded Cable, Angled

- Connector series: MSW12
- Gender: Male
- Coding: A,B,C,D
- Locking type: Fix screw
- Mounting type: Right angled



General information



Standard:	IEC 61076-2-101
Ambient temperature:	-40°C ~ +80°C(fixed installation) -20°C ~ +80°C(flexible installation)
Connector insert:	TPU
Connector contacts:	Brass with gold plated
Connector overmold:	TPU
Coupling nut/screw:	Zinc alloy with nickel plated

Insulation resistance:	≥ 100MΩ
Contact resistance :	≤ 5mΩ
Shielding:	Unavailable
IP rating:	IP68, IP69K in locked condition
Mating endurance:	>500 cycles

Electrical data & Mechanical data

Contacts	Available Coding				Rated current	Voltage		Wire gauge / size		Cable jacket	Part No.
	A	B	C	D		A/C	D/C	AWG	mm²		
03 pins					4A	250V	250V	22AWG	0.34	PUR / PVC	MSW12MA03AXXXB22 MSW12MB03AXXXB22 MSW12MC03AXXXB22
04 pins					4A	250V	250V	22AWG	0.34	PUR / PVC	MSW12MA04AXXXB22 MSW12MB04AXXXB22 MSW12MC04AXXXB22 MSW12MD04AXXXB22
05 pins					4A 2A (C-code)	60V	60V	22AWG 24AWG (C-code)	0.34 0.25 (C-code)	PUR / PVC	MSW12MA05AXXXB22 MSW12MB05AXXXB22 MSW12MC05AXXXB24
06 pins					2A	30V	30V	24AWG	0.25	PUR / PVC	MSW12MC06AXXXB24
08 pins					2A	30V	30V	24AWG	0.25	PUR / PVC	MSW12MA08AXXXB24
12 pins					1.5A	30V	30V	26AWG	0.14	PUR / PVC	MSW12MA12AXXXB26
17 pins					1.5A	30V	30V	26AWG	0.14	PUR / PVC	MSW12MA17AXXXB26

MSW12 M A 05 S 30 V B 22 - M

CONNECTOR B
M = MALE
F = FEMALE

26 = Nom. 26 AWG
24 = Nom. 24 AWG
22 = Nom. 22 AWG

B = BLACK
G = GRAY

S = STRAIGHT
A = RIGHT ANGLE

NO. of POLES
CODING
M = MALE, F = FEMALE, ADD S FOR SHIELDED

10 = 1 MTR
20 = 2 MTR
30 = 3 MTR
100 = 10 MTR

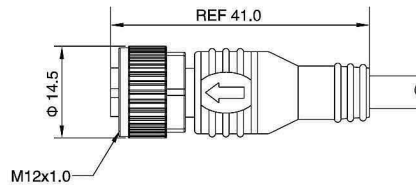
V = PVC
U = PUR

Note: X refers to cable specification



M12 Female Molded Cable, Straight

- Connector series: M12
- Gender: Female
- Coding: A,B,C,D
- Locking type: Fix screw
- Mounting type: Straight



General information

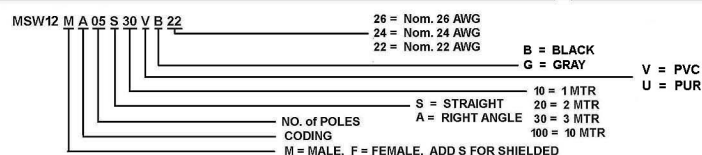


Standard:	IEC 61076-2-101
Ambient temperature:	-40°C ~ +80°C(fixed installation) -20°C ~ +80°C(flexible installation)
Connector insert:	TPU; PA
Connector overmold:	TPU
Coupling nut/screw:	Zinc alloy with nickel plated
Seal / O-ring:	FKM

Connector contacts:	Brass with gold plated
Insulation resistance:	≥ 100MΩ
Contact resistance :	≤ 5mΩ
Shielding:	Unavailable
IP rating:	IP68, IP69K in locked condition
Mating endurance:	>500 cycles

Electrical data & Mechanical data

Contacts	Available Coding				Rated current	Voltage		Wire gauge / size		Cable jacket	Part No.
	A	B	C	D		A/C	D/C	AWG	mm²		
03 pins					4A	250V	250V	22AWG	0.34	PUR / PVC	MSW12FA03SXXB22 MSW12FB03SXXB22 MSW12FC03SXXB22
04 pins					4A	250V	250V	22AWG	0.34	PUR / PVC	MSW12FA04SXXB22 MSW12FB04SXXB22 MSW12FC04SXXB22 MSW12FD04SXXB22
05 pins					4A 2A (C-code)	60V	60V	22AWG 24AWG (C-code)	0.34 0.25 (C-code)	PUR / PVC	MSW12FA05SXXB22 MSW12FB05SXXB22 MSW12FC05SXXB24
06 pins					2A	30V	30V	24AWG	0.25	PUR / PVC	MSW12FC06SXXB24
08 pins					2A	30V	30V	24AWG	0.25	PUR / PVC	MSW12FA08SXXB24
12 pins					1.5A	30V	30V	26AWG	0.14	PUR / PVC	MSW12FA12SXXB26
17 pins					1.5A	30V	30V	26AWG	0.14	PUR / PVC	MSW12FA17SXXB26

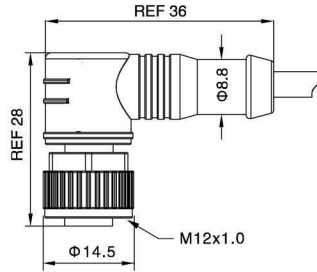


Note: X refers to cable specification



M12 Female Molded Cable, Angled

- Connector series: MSW12
- Gender: Female
- Coding: A,B,C,D
- Locking type: Fix screw
- Mounting type: Right angled



General information



Standard:	IEC 61076-2-101
Ambient temperature:	-40°C ~ +80°C(fixed installation) -20°C ~ +80°C(flexible installation)
Connector insert:	TPU; PA
Connector overmold:	TPU
Coupling nut/screw:	Zinc alloy with nickel plated
Seal / O-ring:	FKM

Connector contacts:	Brass with gold plated
Insulation resistance:	≥ 100MΩ
Contact resistance :	≤ 5mΩ
Shielding:	Unavailable
IP rating:	IP68, IP69K in locked condition
Mating endurance:	>500 cycles

Electrical data & Mechanical data

Contacts	Available Coding				Rated current	Voltage		Wire gauge / size		Cable jacket	Part No.
	A	B	C	D		A/C	D/C	AWG	mm²		
03 pins					4A	250V	250V	22AWG	0.34	PUR / PVC	MSW12FA03AXXXB22 MSW12FB03AXXXB22 MSW12FC03AXXXB22
04 pins					4A	250V	250V	22AWG	0.34	PUR / PVC	MSW12FA04AXXXB22 MSW12FB04AXXXB22 MSW12FC04AXXXB22 MSW12FD04AXXXB22
05 pins					4A 2A (C-code)	60V	60V	22AWG 24AWG (C-code)	0.34 0.25 (C-code)	PUR / PVC	MSW12FA05AXXXB22 MSW12FB05AXXXB22 MSW12FC05AXXXB24
06 pins					2A	30V	30V	24AWG	0.25	PUR / PVC	MSW12FC06AXXXB24
08 pins					2A	30V	30V	24AWG	0.25	PUR / PVC	MSW12FA08AXXXB24
12 pins					1.5A	30V	30V	26AWG	0.14	PUR / PVC	MSW12FA12AXXXB26
17 pins					1.5A	30V	30V	26AWG	0.14	PUR / PVC	MSW12FA17AXXXB26

MSW12 M A 05 S 30 V B 22

26 = Nom. 26 AWG
24 = Nom. 24 AWG
22 = Nom. 22 AWG

B = BLACK
G = GRAY

V = PVC
U = PUR

S = STRAIGHT
A = RIGHT ANGLE
10 = 1 MTR
20 = 2 MTR
30 = 3 MTR
100 = 10 MTR

NO. of POLES
CODING
M = MALE, F = FEMALE, ADD S FOR SHIELDED

Note: X refers to cable specification