

M12 8-Port Junction Box, 5-Pin, with 1 1/8"-16UN Home-Run Cable

Eight M12 A-coded 5-pin female ports on one box, with a yellow home-run cable ending in a 1 1/8"-16UN male connector.
151.9 × 54 mm. 1 to 10 m.



ORDERING CODE

JB-M12A-8X5P-118M-[1M/2M/5M/10M]

PORTS

8 × M12 × 1.0, A-coded, 5-pin, female

HOME RUN

Yellow cable, 1 1/8"-16UN male connector

WIRING

Port signal (pin 4) to its own conductor

RATING

250 V · 4 A per port

CONSTRUCTION

Ports	8 × M12 A-coded 5-pin female
Home run	Cable with 1 1/8"-16UN male connector, Ø31
Termination	Solder and overmold
Wire range	26 to 22 AWG
Labels	Removable port labels
Size	151.9 × 54 mm

RATINGS

M12 ports	250 V · 4 A
Home run	Confirmed at quote

GENERAL

Operating temp.	-25 to +85 °C
Contact resist.	≤ 5 mΩ
Insulation resist.	≥ 100 MΩ
Mating cycles	> 100
Compliance	RoHS / REACH

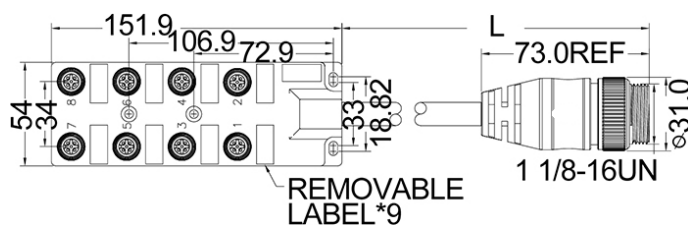
BUILT TO ORDER

Standard versions ship in about 5 to 6 weeks. Request a quote on formrep.com or call 816-782-7800.

NEED SOMETHING DIFFERENT?

Other port counts, home-run connectors and cable lengths may be available. Ask for a made-to-fit quote.

Dimensions, pin layout, wiring and ordering

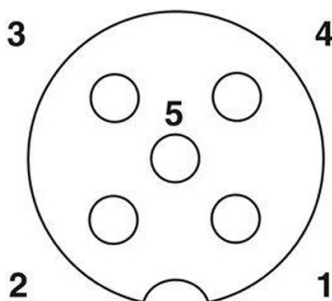


Port	Port pin	Home-run pin	Wire color
J1 to J8	1	11	Brown (+V)
J1 to J8	3	10	Blue (0 V)
J1 to J8	5	12	Green/Yellow (ground)
J1	4	1	White
J2	4	2	Green
J3	4	3	Yellow
J4	4	4	Gray
J5	4	5	Pink
J6	4	6	Red
J7	4	7	Black
J8	4	8	Violet
J1 to J8	2	—	Not connected

DIMENSIONS

WIRING

PIN LAYOUT, FACE VIEW (MATING SIDE), M12 PORT (FEMALE)



ORDERING CODE

JB

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M12A

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8X5P

-

118M

-

5M

junction box

M12 A-coded ports

8 ports, 5-pin

1 1/8" male home run

1M, 2M, 5M, 10M

Example: JB-M12A-8X5P-118M-5M = 8-port M12 junction box with 5 m home run to a 1 1/8"-16UN male connector.

STANDARD CONFIGURATIONS (4)

JB-M12A-8X5P-118M-1M0

JB-M12A-8X5P-118M-2M

JB-M12A-8X5P-118M-5M

JB-M12A-8X5P-118M-10M