



M12 SENSOR ACTUATOR CABLE

UL 758

48 orderable sizes

STANDARD UL 758	VOLTAGE CLASS 300 V signal circuit	TEMPERATURE CLASS -40 °C to +80 °C typical
CONDUCTOR 0.34 mm² / 0.5 mm²	INSULATION / JACKET PUR jacket	

Construction

- 1 ■ Conductor (per core) – 0.34 mm² · 16 × Ø0.16 mm · IEC 60228 cl.5
- 2 ■ Core insulation – PVC, PP, PE or halogen-free signal insulation
- 3 ■ Filler – PP filler
- 4 ■ Shield – Braid shield (C)
- 5 ■ Sheath – PUR jacket

Size selection — all available cross-sections

Cable reference	Signal type	Connector family	Core / pair design	Conductor	Shielding	Jacket
M12 Sensor Actuator PUR Sensor signal M12 A-coded 4-pin 4 core 0.34 mm ² Flexible installation	Sensor signal	M12 A-coded 4-pin	4 core	0.34 mm ²	Optional overall braid screen	PUR jacket
M12 Sensor Actuator PUR Sensor signal M12 A-coded 4-pin 4 core 0.34 mm ² Static installation	Sensor signal	M12 A-coded 4-pin	4 core	0.34 mm ²	Optional overall braid screen	PUR jacket
M12 Sensor Actuator PUR Sensor signal M12 A-coded 4-pin 4 core 0.5 mm ² Flexible installation	Sensor signal	M12 A-coded 4-pin	4 core	0.5 mm ²	Optional overall braid screen	PUR jacket
M12 Sensor Actuator PUR Sensor signal M12 A-coded 4-pin 4 core 0.5 mm ² Static installation	Sensor signal	M12 A-coded 4-pin	4 core	0.5 mm ²	Optional overall braid screen	PUR jacket
M12 Sensor Actuator PUR Sensor signal M12 A-coded	Sensor signal	M12 A-coded 4-pin	5 core	0.34 mm ²	Optional overall braid screen	PUR jacket

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4-pin 5 core 0.34 mm ² Flexible installation						
M12 Sensor Actuator PUR Sensor signal M12 A-coded 4-pin 5 core 0.34 mm ² Static installation	Sensor signal	M12 A-coded 4-pin	5 core	0.34 mm ²	Optional overall braid screen	PUR jacket
M12 Sensor Actuator PUR Sensor signal M12 A-coded 4-pin 5 core 0.5 mm ² Flexible installation	Sensor signal	M12 A-coded 4-pin	5 core	0.5 mm ²	Optional overall braid screen	PUR jacket
M12 Sensor Actuator PUR Sensor signal M12 A-coded 4-pin 5 core 0.5 mm ² Static installation	Sensor signal	M12 A-coded 4-pin	5 core	0.5 mm ²	Optional overall braid screen	PUR jacket
M12 Sensor Actuator PUR Sensor signal M12 A-coded 5-pin 4 core 0.34 mm ² Flexible installation	Sensor signal	M12 A-coded 5-pin	4 core	0.34 mm ²	Optional overall braid screen	PUR jacket
M12 Sensor Actuator PUR Sensor signal M12 A-coded 5-pin 4 core 0.34 mm ² Static installation	Sensor signal	M12 A-coded 5-pin	4 core	0.34 mm ²	Optional overall braid screen	PUR jacket
M12 Sensor Actuator PUR Sensor signal M12 A-coded 5-pin 4 core 0.5 mm ² Flexible installation	Sensor signal	M12 A-coded 5-pin	4 core	0.5 mm ²	Optional overall braid screen	PUR jacket
M12 Sensor Actuator PUR Sensor signal M12 A-coded 5-pin 4 core 0.5 mm ² Static installation	Sensor signal	M12 A-coded 5-pin	4 core	0.5 mm ²	Optional overall braid screen	PUR jacket
M12 Sensor Actuator PUR Sensor signal M12 A-coded 5-pin 5 core 0.34 mm ² Flexible installation	Sensor signal	M12 A-coded 5-pin	5 core	0.34 mm ²	Optional overall braid screen	PUR jacket
M12 Sensor Actuator PUR Sensor signal M12 A-coded 5-pin 5 core 0.34 mm ² Static installation	Sensor signal	M12 A-coded 5-pin	5 core	0.34 mm ²	Optional overall braid screen	PUR jacket
M12 Sensor Actuator PUR Sensor signal M12 A-coded 5-pin 5 core 0.5 mm ² Flexible installation	Sensor signal	M12 A-coded 5-pin	5 core	0.5 mm ²	Optional overall braid screen	PUR jacket
M12 Sensor Actuator PUR Sensor signal M12 A-coded 5-pin 5 core 0.5 mm ² Static installation	Sensor signal	M12 A-coded 5-pin	5 core	0.5 mm ²	Optional overall braid screen	PUR jacket

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M12 Sensor Actuator PUR Actuator signal M12 A-coded 4-pin 4 core 0.34 mm ² Static installation	Actuator signal	M12 A-coded 4-pin	4 core	0.34 mm ²	Optional overall braid screen	PUR jacket
M12 Sensor Actuator PUR Actuator signal M12 A-coded 4-pin 4 core 0.5 mm ² Flexible installation	Actuator signal	M12 A-coded 4-pin	4 core	0.5 mm ²	Optional overall braid screen	PUR jacket
M12 Sensor Actuator PUR Actuator signal M12 A-coded 4-pin 4 core 0.5 mm ² Static installation	Actuator signal	M12 A-coded 4-pin	4 core	0.5 mm ²	Optional overall braid screen	PUR jacket
M12 Sensor Actuator PUR Actuator signal M12 A-coded 4-pin 5 core 0.34 mm ² Flexible installation	Actuator signal	M12 A-coded 4-pin	5 core	0.34 mm ²	Optional overall braid screen	PUR jacket
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M12 Sensor Actuator PUR Actuator signal M12 A-coded 4-pin 5 core 0.5 mm ² Static installation	Actuator signal	M12 A-coded 4-pin	5 core	0.5 mm ²	Optional overall braid screen	PUR jacket
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M12 Sensor Actuator PUR Actuator signal M12 A-coded 5-pin 4 core 0.5 mm ² Flexible installation	Actuator signal	M12 A-coded 5-pin	4 core	0.5 mm ²	Optional overall braid screen	PUR jacket
M12 Sensor Actuator PUR Actuator signal M12 A-coded 5-pin 4 core 0.5 mm ² Static installation	Actuator signal	M12 A-coded 5-pin	4 core	0.5 mm ²	Optional overall braid screen	PUR jacket

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M12 Sensor Actuator PUR I/O link M12 A-coded 4-pin 4 core 0.34 mm ² Flexible installation	I/O link	M12 A-coded 4-pin	4 core	0.34 mm ²	Optional overall braid screen	PUR jacket
M12 Sensor Actuator PUR I/O link M12 A-coded 4-pin 4 core 0.34 mm ² Static installation	I/O link	M12 A-coded 4-pin	4 core	0.34 mm ²	Optional overall braid screen	PUR jacket
M12 Sensor Actuator PUR I/O link M12 A-coded 4-pin 4 core 0.5 mm ² Flexible installation	I/O link	M12 A-coded 4-pin	4 core	0.5 mm ²	Optional overall braid screen	PUR jacket
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M12 Sensor Actuator PUR I/O link M12 A-coded 4-pin 5 core 0.34 mm ² Static installation	I/O link	M12 A-coded 4-pin	5 core	0.34 mm ²	Optional overall braid screen	PUR jacket
M12 Sensor Actuator PUR I/O link M12 A-coded 4-pin 5 core 0.5 mm ² Flexible installation	I/O link	M12 A-coded 4-pin	5 core	0.5 mm ²	Optional overall braid screen	PUR jacket
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M12 Sensor Actuator PUR I/O Link M12 A-coded 5-pin 5 core 0.5 mm ² Flexible installation	I/O link	M12 A-coded 5-pin	5 core	0.5 mm ²	Optional overall braid screen	PUR jacket
M12 Sensor Actuator PUR I/O Link M12 A-coded 5-pin 5 core 0.5 mm ² Static installation	I/O link	M12 A-coded 5-pin	5 core	0.5 mm ²	Optional overall braid screen	PUR jacket