

LUTZE Network Connectivity

Field Wireable M12 Connectors with Push-In Technology

Application

- Actuator sensor connections
- Plant floor connectivity
- I/O connections

Characteristics

- Spring clamp push-in termination
- Solid conductors and ferrules can be terminated by simply pushing into the connector, with no tools required
- Stranded conductors are easily terminated by opening the color-coded tabs and inserting the wire
- Straight or 90° angled design
- Zinc die-cast and plastic housing
- Fast and easy connection
- Suitable for unshielded cables

Technical Data

Temperature range	-40°C - +85°C/ -40°F - +185°F
Protection class	IP65, IP67 inserted and tightened
Rated current	4A
Contact material	CuSn, gold-plated
Conductor OD	AWG26-AWG18 with ferrule: AWG28-AWG20
Cable OD	4 - 8 mm
Approvals	cULus

Male Pinouts



Female Pinouts



Stranded conductors are easily terminated without tools by opening the tabs and inserting the wire:



Specifications are subject to change without prior notice

M12 Straight, Unshielded



Part No.	Description	Coding	Pole number
490190	M12/1 male straight	A	4
490191	M12/1 male straight	A	5
490192	M12/1 female straight	A	4
490193	M12/1 female straight	A	5

M12 90° Angled, Unshielded



Part No.	Description	Coding	Pole number
490194	M12/1 male angled	A	4
490195	M12/1 male angled	A	5
490196	M12/1 female angled	A	4
490197	M12/1 female angled	A	5