

LUTZE Network Connectivity

Field Wireable M12 Connectors with Push-In Technology

Application

- Actuator sensor connections
- Field bus connections
- Industrial Ethernet connections
- Plant floor networking
- I/O connections

Characteristics

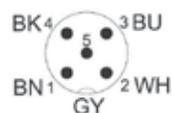
- Spring clamp push-in termination
- Solid conductors and ferrules can be terminated by simply pushing into the connector, with no tools required
- Stranded conductors are easily terminated by opening the color-coded tabs and inserting the wire
- Straight or 90° angled design
- Zinc die-cast housing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

Technical Data

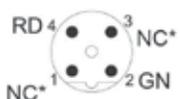
Temperature range	-40°C - +85°C/ -40°F - +185°F
Protection class	IP65, IP67 inserted and tightened
Rated current	4A
Shielding	360°
Contact material	CuSn, gold-plated
Conductor OD	AWG26-AWG18 with ferrule: AWG28-AWG20
Cable OD	4 - 8 mm
Approvals	cULus
Item specific applications	B-coded: PROFIBUS D-coded: PROFINET Cat5e

Male Pinouts

A-cod.



B-cod.

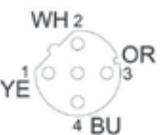
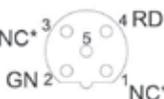


*Pins 1, 3, and 5 are non-contact and unusable

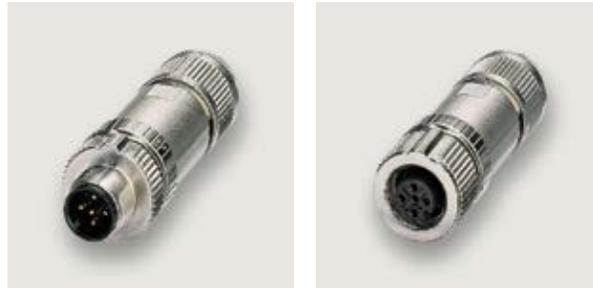
D-cod.



Female Pinouts



M12 Straight, Shielded



Part No.	Description	Coding	Pole number
490200	M12/1 male straight	A	5
490201	M12/1 female straight	A	5
490210	M12/1 male straight	B	2
490211	M12/1 female straight	B	2
490212	M12/1 male straight	D	4
490213	M12/1 female straight	D	4

M12 90° Angled, Shielded



Part No.	Description	Coding	Pole number
490202	M 12/1 male angled	A	5
490203	M 12/1 female angled	A	5
490214	M 12/1 male angled	D	4
490215	M 12/1 female angled	D	4

Specifications are subject to change without prior notice