

LUTZE Network Connectivity Products

Industrial Network Connectors



Application

- Industrial Ethernet connectivity
- Power over Ethernet
- Cat6a

Characteristics

- Insulation Displacement Connector (IDC)
- Zinc die-cast housing
- Quick connect technology
- Field wireable
- Easy to install

Technical Data

Temperature	-40°C - +70°C/ -40°F - +158°F IP20
Protection class	IP20
Transmission frequency	10 Gigabits/s
Rated current	Max 1.0A per contact
Shielding	360°
Contact material	Spring steel 0.8 µm gold-plated
Fits cable ODs	AWG 27-22
Clamping Range	5 – 9 mm
Approvals	UL

RJ45 IDC Industrial Connector



Part No.	Description	Cable Cross section	Transmission Performance
490128	RJ45 – M 8 pol. Cat6a Color code: T568B	Solid 24/1-22/1 Stranded 27/7-22/7	10 Gigabit/sec
490129	RJ45 – M 8 pol. Cat6a Color code: T568A	Solid 24/1-22/1 Stranded 27/7-22/7	10 Gigabit/sec
490138	RJ45 – M 8 pol. Cat6a Color code: T568B	Solid 26/1-24/1 Stranded 27/7-24/7	10 Gigabit/sec

Application

- Industrial Ethernet connectivity

Characteristics

- 17 mm cut out installation
- Female / Female 4:4 or 8:8
- Easy to install

Technical Data

Temperature	-25°C - +85°C/ -13°F - +185°F
Protection class	IP 67 in inserted operation
Rated current	Max 1.0A per contact
Shielding	360°
Contact material	gold-plated phosphor bronze
Dimensions	29.5 x 29 mm

M12 / RJ45 Panel Pass Through



Part No.	Description	No. Poles	Transmission Performance
490105	M12 / RJ45 F/F 90° Cat5	4	100 Megabit/sec
490106	M12 / RJ45 F/F 180° Cat5	4	100 Megabit/sec
490107	M12 / RJ45 F/F 90° Cat5e	8	1 Gigabit/sec
490108	M12 / RJ45 F/F 180° Cat5e	8	1 Gigabit/sec