



TECHNOLOGY IN CONNECTORS™

INDUSTRIAL CONNECTORS FOR HARSH ENVIRONMENTS





TECHNOLOGY IN CONNECTORS™

CONEC industrial connectors, consist of several circular connector families for the automation markets, plus the ruggedized data connectors RJ45, USB, and the LC fiber optic.

All these connectors are suitable for any application requiring water and dust sealing, physical abuse, ability to tolerate extreme temperatures and numerous chemicals, and even use outdoors.



USA

CONEC industrial line of connectors, are engineered with these features:

- All products are IP67 rated, or better, in the mated condition
- All hardware and components are ruggedized to withstand physical abuse
- Contacts are precision machined types
- All contacts are gold-plated in the mating areas.
- All materials are chosen for resistance to chemicals, temperature, and UV as needed
- All feature mating/latching systems that are resistant to vibration

CONEC products are

- UL listed
- CSA certified
- VDE tested





CANADA



GERMANY

CONEC is a leading manufacturer of connection systems, for high reliability applications.

CONEC has been expanding connectors technology since 1978, and has global presence with sales offices and representatives serving major markets worldwide.

Conec products are used in factory automation machinery, communications systems, test and instrumentation, medical electronics, aviation, and heavy vehicle applications.

All of CONEC's processes are ISO certified and our products are RoHS compliant.

Quality products are assured from design through production, by our extensive in-house testing facilities.



M12 Overmolded



Female and male
3 to 12 positions
Axial and angled
PVC and TPU cable jackets, standard cross section 0,34mm²
IP67 rated
Contacts gold-plated over Ni
LED indicators and shielded version available

M12 Field Attachable



Female and male
4 and 5 positions
Axial and angled
Screw termination and clamp connection
Wire cross section: 0,5mm² to 0,75mm²
IP67 rated
Contacts gold-plated over Ni
Shielded version available

M12 Panel Mounted



Female and male
3 to 8 positions
Axial and angled (only PCB versions)
PG9, M16x1,5, PCB versions
Wire, frontmounting, backmounting, PC tail
IP67 rated
Contacts gold-plated over Ni

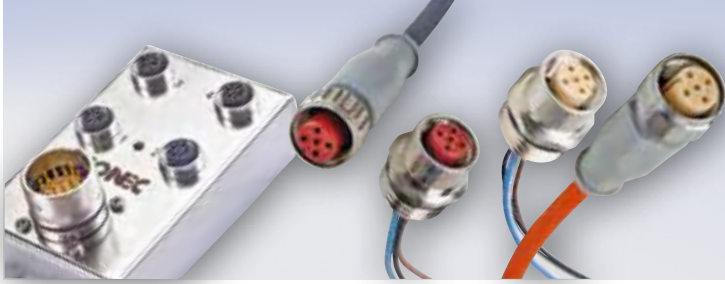
M12/M8 Panel Plugs



Male
3 to 8 positions
PC tail or solder cups
IP67 rated
Contact gold-plated over Ni
Plastic, semi-metal, full metal versions



M12 + M8 Food+Beverage and High Temperature



Specialty versions of these, for F+B and HT applications
F+B materials to withstand sanitation washdowns
HT versions for sustained HT conditions
Overmolded and panel mounted versions,
Junction boxes (only F+B)
3 to 5 positions
IP69K rated (Food+Beverage), IP67 (High Temp) rated
Contacts gold-plated over Ni

M8 Overmolded



Female and male,
Screw and snap-in versions
3 to 8 positions
Axial and angled
PVC and TPU cable jackets, standard cross section 0,25mm²
IP67 rated
Contacts gold-plated over Ni

M8 Field Attachable



Female and male
3 and 4 positions
Axial
Solder version and clamp connection
Wire cross section 0,34mm²
IP67 rated
Contacts gold-plated over Ni
Screw termination (axial and angled) available end of 2011

M8 Panel Mounted



Female and male
3 to 8 positions
Axial and angled (only PCB versions)
M8x0,5 mounting thread
Wire, frontmounting, backmounting
IP67 rated
Contact gold-plated over Ni
B-coding versions, frontmounting, 5 pos. available

7/8" Overmolded



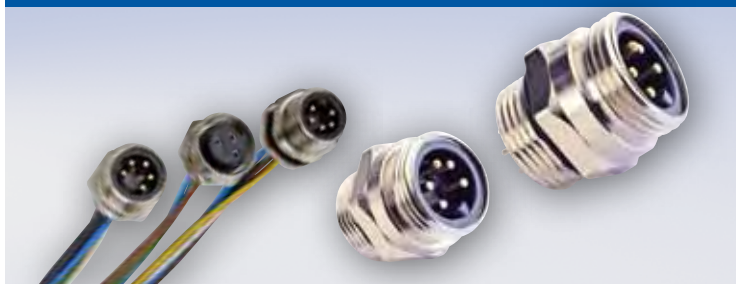
Female and male
2pos+ground, 4pos, 4pos+ground
Axial and angled
PVC and TPU cable jackets, standard cross section 0,75mm²
IP67 rated
Contact gold-plated, over Ni
1,5mm² cross section available

7/8" Field Attachable



Female and male
2pos+ground, 4pos, 4pos+ground
Axial
Screw termination
Wire cross section: max. 1,5mm²
IP67 rated
Contact gold-plated over Ni

7/8" Panel Mounted



Female and male
2pos+ground, 4pos, 4pos+ground
Axial and angled (only pcb versions)
PG11, PG13,5, PCB versions (PG13.5)
Wire, frontmounting, backmounting, PC tail
IP67 rated
Contact gold-plated over Ni

Bus Components



Profibus DP, Industrial Ethernet, CAN Bus, DeviceNet, D-SUB
Overmolded, field attachable, panel mounted,
Terminating plugs, panel plugs,
Y-junction (depending on bus type)
Female and male
Positions depending on bus type
PVC or TPU cable jackets
IP67 rated
Contact gold-plated over Ni

RJ45 Receptacles



Bayonet coupling
Housings in black plastic, metallized plastic,
or solid zinc diecast
Square flange available
IP67 rated
Cat.5e, 6a
Couplers, IDC, or PCB terminations
Plastic available in colors

RJ45 Plug Kits



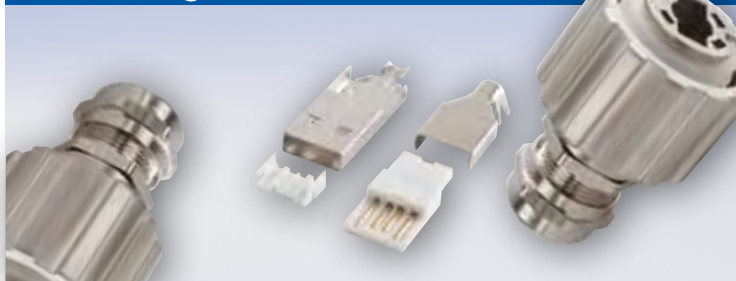
Bayonet coupling
Plastic, metallized plastic, or zinc diecast housings
IP67 sealed, or standard types

USB 2.0 Receptacles



Bayonet coupling
Housings in black plastic or zinc diecast
IP67 rated
Pass-thru coupler design

USB 2.0 Plug kits



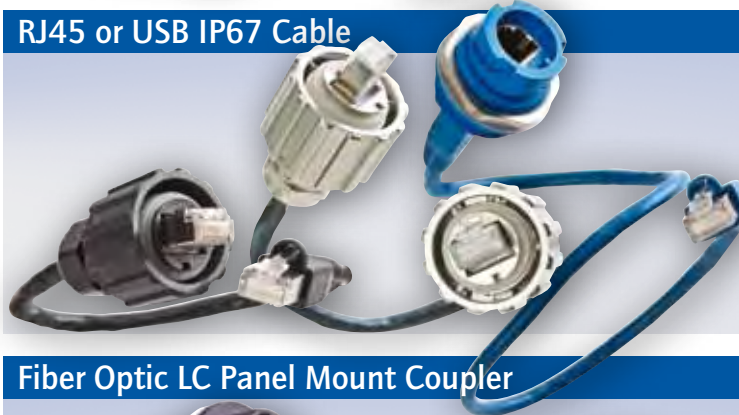
Bayonet coupling
Plastic, or zinc diecast
IP67 sealed

Mini USB System



Compact bayonet coupling
Panel receptacles
Matching plug kits or complete patch cable
All ruggedized for industrial use

RJ45 or USB IP67 Cable



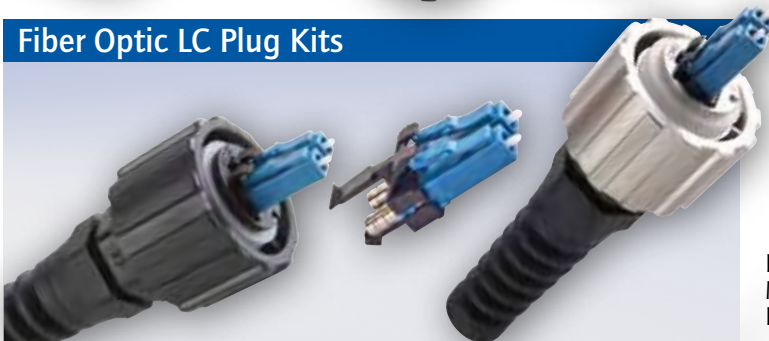
Bayonet coupling
Plastic, or zinc diecast
IP67 sealed
Cat 5e, 6a for RJ series
Plug kits or cable assemblies
Cable for outdoor use

Fiber Optic LC Panel Mount Coupler



Bayonet coupling
LC Duplex
IP67 rated
Multi-mode and single-mode types, APC
Includes protective caps

Fiber Optic LC Plug Kits



Bayonet coupling
Multi-mode and single-mode types, APC
Includes latches and strain relief



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