



Your One Stop Solution For Cable & Wire Accessories!

RJ45

Industrial Ethernet M23

Circular Connectors Flyer

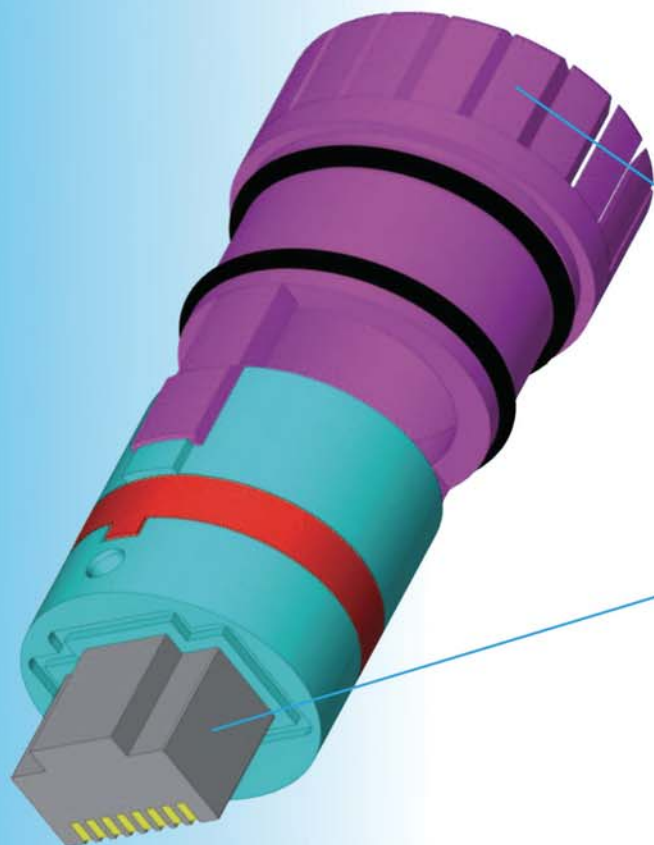


M 23 RJ45

Most space-saving RJ45 Industrial Ethernet Solution

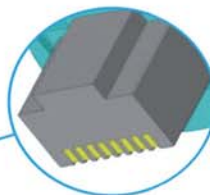
- + Allows use of standard patch cable (Cat 5 / Cat 5e / Cat 6)
- + Standard size M23 housings
- + Simple and quick assembly
- + Robust applications

Technical Data	M23 RJ45
Housing	Brass Alloy, Die Casting
Housing Surface	Nickel Plated Brass
Inserts (for contacts)	PBT, UL-94, V0, PA 6
Contacts	Brass Alloy
Contact Surface	Depends on RJ45 type
Seals / O-Ring	Buna-N Standard / FKM (Viton®)
Temperature Range	Depends on RJ45 type
Protection (connected)	IP 67 (NEMA 4x) per EN 60625
Cable Diameter Range	3 - 7 (.12" - .275") / 7 - 12 (.275" - .47") 11 - 17 mm (.43" - .67")



Characterics & Quality

- For industrial areas (degree of protection 3)
- Protection IP 67 (NEMA 4x)
- Additional strain relief on patch cable
- EMI Ready!



Versatility

- Allows use of standard preassembled patch cables
- Adapts RJ45 Cat5 / Cat5e / Cat6 types



Housings

- Different types of M23 flying connectors as Push-Pull or screw connection
- Panel connectors for board mounting or cable assembly



Other
Solutions...

M 23 Signal / Power Connectors

IP 67
NEMA 4x



**STRAIGHT
CONNECTORS**

**ELBOW /
ROTATABLE
CONNECTORS**



**PANEL MOUNT
CONNECTORS**



ACCESSORIES



Signal Connectors Technical Info

Material: Nickel Plated Brass, Stainless Steel, Aluminum
Number of Contacts: 6 - 19 **Amp Rating:** 8 - 20
Cable OD: 3 - 17 mm (.12" - .67") **Voltage Rating:** 150 - 300
Temp: -40°C to 125°C (-40°F to 257°F) **Wire Gauge:** 28 - 12 AWG

Power Connectors Technical Info

Material: Nickel Plated Brass, Stainless Steel, Aluminum
Number of Contacts: 6 - 8 **Amp Rating:** 8 - 28
Cable OD: 7 - 17 mm (.28" - .67") **Voltage Rating:** 300 - 800
Temp: -40°C to 125°C (-40°F to 257°F) **Wire Gauge:** 24 - 14 AWG

*** Also available for up to 55 Amp applications ***

Having few parts makes Hummel Connectors assembly easy and wiring cost effective. (M16 Shown)



The modular male and female Contact Inserts work with all different styles of M23 Power Connectors.

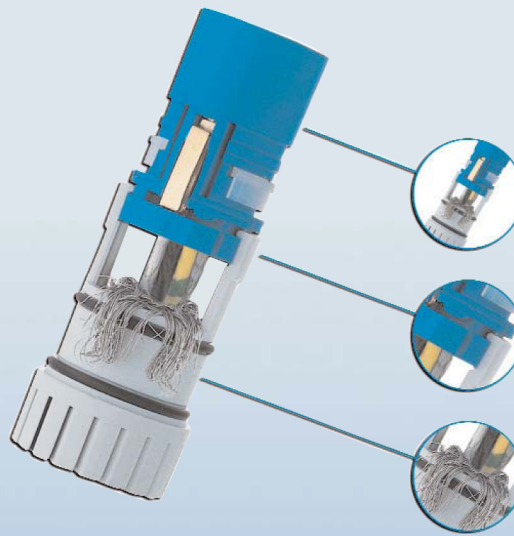
**INTEGRAL
LIQUID TIGHT
STRAIN RELIEF**

**PUSH-PULL
CONNECTORS**



**No tools required to insert or extract contacts.
Hummel's integrated Euro-Locking System
secures the contact in the insert.**

**2D / 3D
CAD NOW
AVAILABLE!**



Cable assembly and shielding is possible in a single operation. Trimming of braided shield is not necessary for insertion into the connector housing.

Patented **Euro Lock System®** holds the contacts securely in position. Strain relief insert with four stabilizers prevents cable rotation.

Flexible **EMI O-ring** guarantees reliable **EMI** protection for light and heavy braided shields.

Unique Benefits

Why use Sealcon / Hummel Circular Connectors?

- ☐ Easy field assembly ☐ No special tool required to insert or extract contacts.
- ☐ Modular for a variety of configurations ☐ All connectors EMI ready.
- ☐ Threaded and Push-Pull (Quick Disconnect) in One ☐ Compatible to other M23 brands.
- ☐ Reliable connection - Contacts with low plug-in force and high mating cycles.
- ☐ Pre-Tinned contacts - Reliable, Faster and Safer means of soldering.
- ☐ Inserts for all types of contacts - Crimp, Solder & Dip Solder.
- ☐ Immediate Availability! ☐ No Minimum Orders! ☐ RoHS Compliant!



Strain Relief Fittings, Conduit & Accessories Catalog



Circular Connector Catalog



Industrial Enclosure Catalog



Thread Adapters, Enlargers & Reducers Flyer