

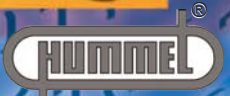
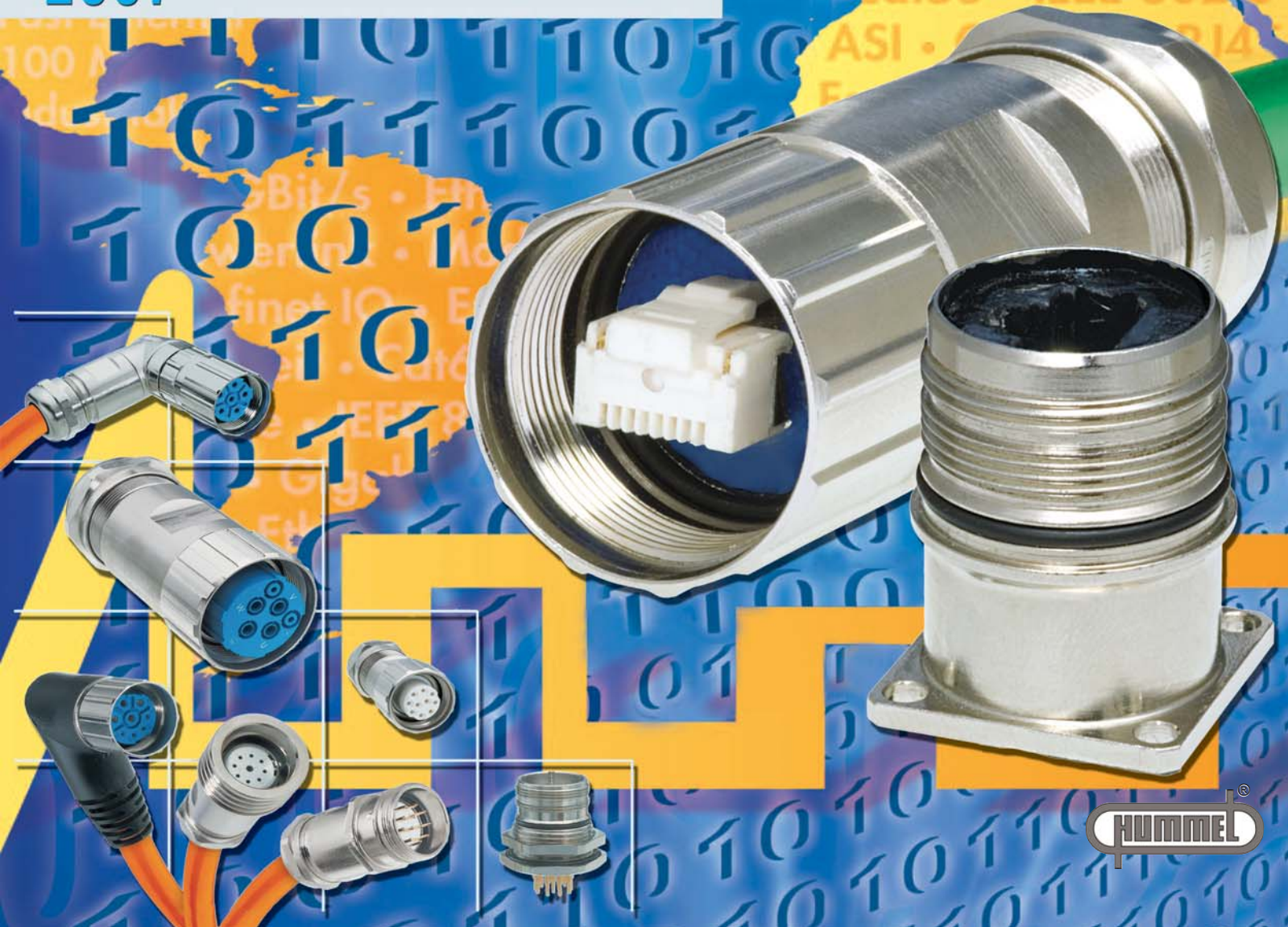


Your One Stop Solution For Cable & Wire Accessories!

RJ45

# Industrial Ethernet M23

## Circular Connectors Flyer 2007

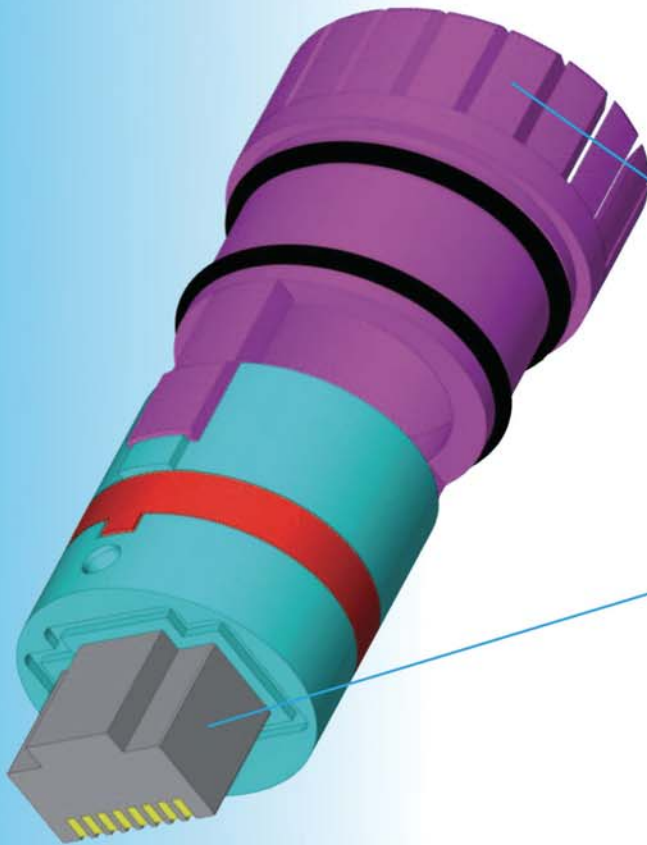


# M 23 RJ45

## Most space-saving RJ45 Industrial Ethernet Solution

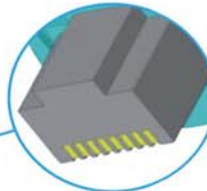
- + Allows use of standard patch cable (Cat 5 / Cat 5e / Cat 6)
- + Standard size M23 housings
- + Simple and quick assembly
- + Robust applications

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



# M 23 Signal / Power Connectors

IP 67  
NEMA 4x

## STRAIGHT CONNECTORS



## ELBOW / ROTATABLE CONNECTORS



## PANEL MOUNT CONNECTORS



## ACCESSORIES



### Signal Connectors Technical Info

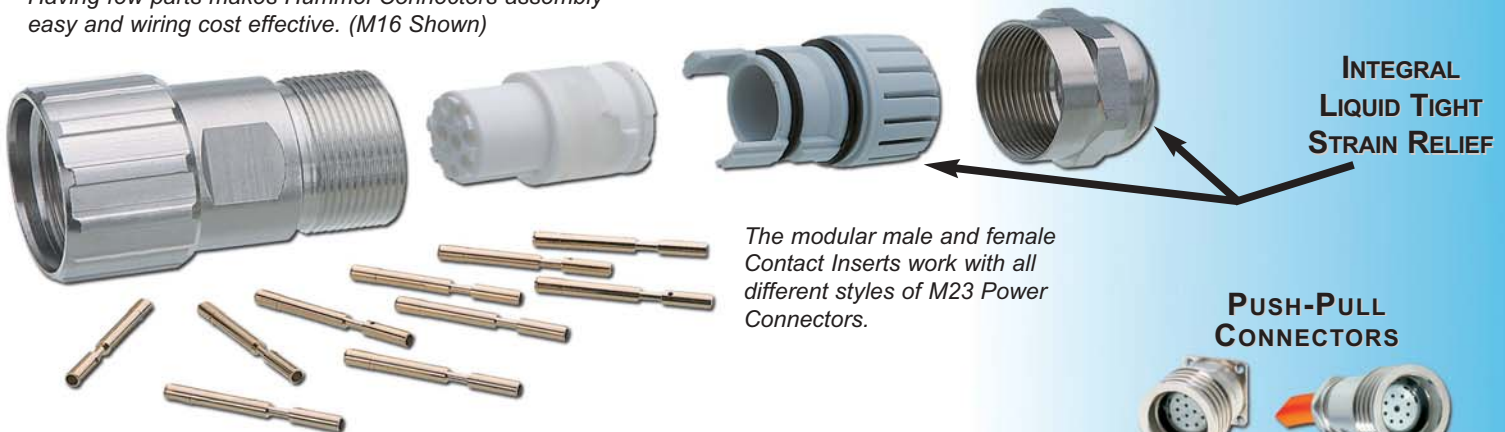
**Material:** Nickel Plated Brass, Stainless Steel, Aluminum  
**Number of Contacts:** 6 - 19    **Amp Rating:** 8 - 20  
**Cable OD:** 3 - 17 mm (.12" - .67")    **Voltage Rating:** 150 - 300  
**Temp:** -40°C to 125°C (-40°F to 257°F)    **Wire Gauge:** 28 - 12 AWG

### 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)



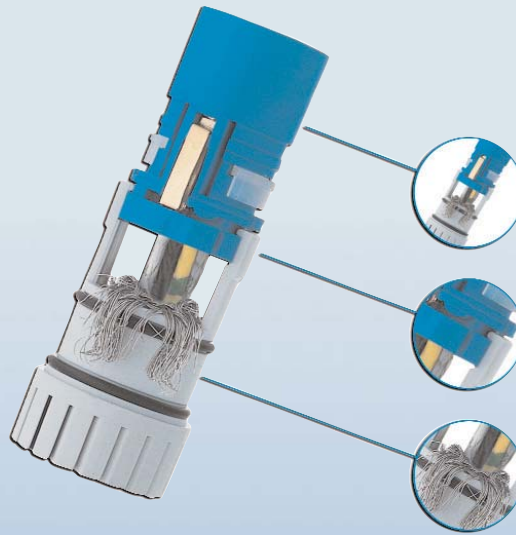
The modular male and female Contact Inserts work with all different styles of M23 Power Connectors.

## 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**<sup>®</sup> 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!



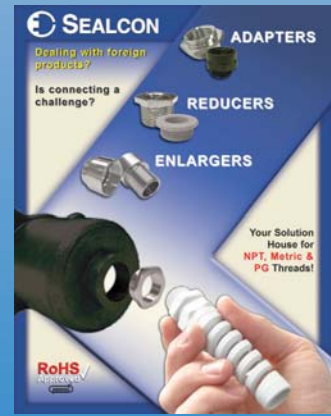
Strain Relief Fittings, Conduit & Accessories Catalog



Circular Connector Catalog



Industrial Enclosure Catalog



Thread Adapters, Enlargers & Reducers Flyer

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