

# ix Industrial® Angled Plug



Pushing Performance  
Since 1945



## Description

Standardized according to IEC 61076-3-124, this newly designed Ethernet interface sets a new standard for its robustness. The ix Industrial® offers the perfect standardized interface for Gigabit Ethernet. In combination with excellent shielding, robustness and outstanding performance the ix Industrial® is the perfect choice for miniaturized devices.

## Links to Other Materials

- [ix Industrial cable assemblies](#)
- [Mini PushPull ix Industrial](#)

## Specs

- Number of contacts: 4 for Cat.5 and 8 for Cat. 6<sub>A</sub>
- Speed: up to 100 Mbit/s(Cat. 5) and up to 10 Gbit/s (Cat. 6<sub>A</sub>)
- Fully shielded (360 deg. contact shielding)
- Angled Variants
- IDC from 26AWG ... 22AWG
- PoE Capable
- Operating temperature: -40C to +85C
- 5000 mating cycles with IP 20 protection rating

## Markets

- Machinery
- Robotics
- E-mobility
- Automation
- Data Center
- Transportation
- Medical

## Applications

- Industrial Ethernet cable assemblies
- Connections to Ethernet enabled devices (switches, IPCs, modems, HMIs, PLCs, etc)

## Feature

## Advantage

## Benefit

- |                            |                                  |                                 |
|----------------------------|----------------------------------|---------------------------------|
| ■ Compact design           | ■ Density (10mm pitch)           | ■ Space savings                 |
| ■ Different coding options | ■ Ethernet & Signal applications | ■ More flexibility (Type A & B) |
| ■ 360 Shielded             | ■ Prevent EMC, NEXT & FEXT       | ■ Signal integrity guarantee    |