

# The Weidmüller IE-LINE plug-in connectors with **STEADYTEC** technology

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**STEADYTEC** – this name stands for the future of connection technology in the field of data and signal transmissions. Established by the leading names in this branch of industry, the technology brand **STEADYTEC** forms the foundation for reliable, application-centric and conforming solutions – for offices and harsh industrial conditions.

**The objective:** The development of reliable plug-in connector technologies for industrial applications. Technologies that satisfy the highest customer demands and hence enable new, professional and consistent solutions.

**The result:** An extremely reliable, extraordinarily practical, flexible and especially efficient plug-in connector system for office and industrial applications. Using products whose characteristics reflect perfectly the values from which they originated:

- fast
- reliable
- solution-based
- simple

## The Ethernet connector system: clever – flexible – modular

Connectors for modern industrial applications need to be designed in such a way that they simplify processes and cope with faster data transmission. With Ethernet connectors from Weidmüller, you are a significant step ahead of the rest: not only are these products gigabit-enabled, they also conform to the IEC 61076-3-106 standard. The connectors stipulated in this norm – versions 4 (Ethernet TCP/IP), 5 (Profinet) and 1 (Ethernet/IP) – are also required by the standards for general cabling in industrial buildings ISO/IEC 24702 (FDIS; V1, V4), automation machinery IEC 61918 (CDV; V1) and for field bus installations IEC 61784-5 (CDV; V1).

What's more, you have a unique choice of versions made of plastic or metal as well as inserts for copper and fibre-optic cabling.

All of the connectors are designed for ease of use and for quick on-site assembly. They are also modular and are tailored to suit your application.



**STEADYTEC** is a registered trademark of the Weidmüller, BTR NETCOM and Telegärtner companies.

### Tool-less assembly and powerful connections: the RJ45 gigabit connector!

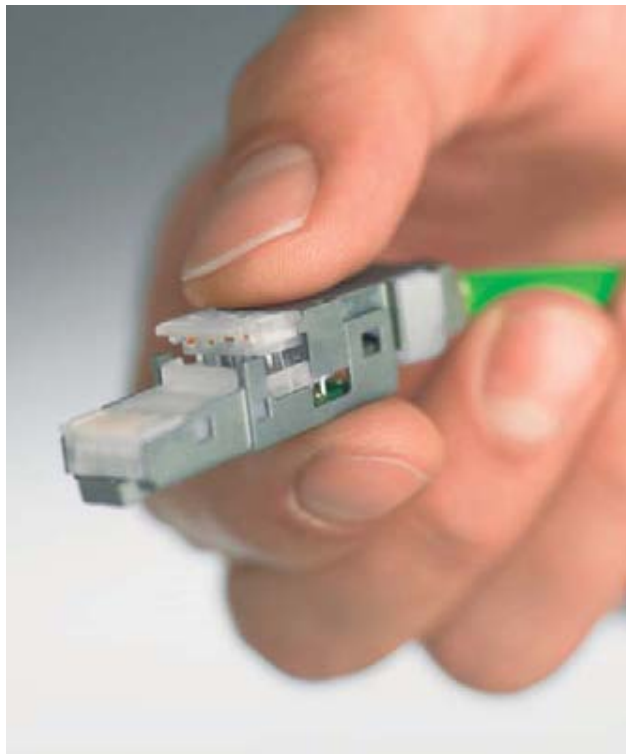
You can now securely plug the connector you need directly into your machinery with very little effort – and without a single tool!

The gigabit connector for industrial standards with IDC connection technology has been developed to make wiring quick, easy and safe, without the need for any tools. In addition, zinc die-casting makes the connector extra robust and therefore suitable for industrial applications. It is also fitted with a protected locking clip for tough industrial applications.

#### Systematic benefits

- **Assembly without tools in the field**
- **Countless variations thanks to highly diverse combinations of inserts**
- **Unrestricted compatibility because standardised to IEC 61076-3-106**
- **Reliable and long-lasting thanks to diecast zinc**
- **Suitable for industry thanks to IP 67 class of protection**
- **Simple ordering procedure and low storage costs thanks to Weidmüller's modular system**

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# Unlimited combinations: the modular principle

## Plug-in inserts

RJ45 crimp



RJ45 field installation



2 SC simplex



LC duplex



## Plug-in and bulkhead housings

Bayonet V01 metal



Push Pull V04 plastic



RockStar® V05 metal\*



\* RJ45 only

## Bulkhead inserts

RJ45 coupler



RJ45 module



SCRJ/2 adaptor



LC duplex adaptor



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Take advantage of maximum flexibility! The range of products guarantees you decisive advantages for your industrial applications. During planning, assembling and everyday operations. All variants are designed for class of protection IP 67.

The Weidmüller products take account of the latest market conditions and most recent international standards. And in so doing we offer you the option of unrestricted choice. What that means is that you get exactly the products you need for your application!

### Features

- The only 8-core RJ45 plug-in connector for Gigabit Ethernet suitable for customising in the field.
- High cable sheathing diameter range up to 10 mm for variants V4 and V1, up to 12 mm for V5.
- Suitable for connecting stranded conductors in sizes AWG 27/7 to AWG 22/7; solid conductors in sizes AWG 27/1 to 22/1.
- Modules and couplers have a robust diecast zinc housing (Cat.6).
- Design results in enhanced vibration and shock resistance for couplers and RJ45 modules.
- Variable bulkhead housing fixing options for variants V1 and V4.
- Additional marking surfaces on plug and bulkhead housing, subsequent colour coding of IP 20 and IP 67 plug-in connectors.
- Dirt-resistant housing design with enhanced resistance to oils, greases, acids and alkalis.

Plug-in connectors

		Housing	Bayonet V 01 metal		Push Pull V 04 plastic		RockStar® V05 metal
			with BP	without BP	with BP	without BP	without BP
							
			1962560000	1962550000	1962530000	1962520000	1962540000
	RJ45 crimp	1962720000	1963150000	1963140000	1963190000	1963180000	1963110000
	RJ45 field installation	TIA-A/B/ PROFINET	1962730000	1963130000	1963120000	1963170000	1963160000
	2 SC simplex	multimode	1962750000	1963270000	1963260000	1963370000	1963360000
		singlemode	1962760000	1963310000	1963300000	1963410000	1963400000
		POF	1962770000	1963290000	1963280000	1963390000	1963380000
	LC duplex	multimode	1962780000	1963230000	1963220000	1963330000	1963320000
		singlemode	1962790000	1963250000	1963240000	1963350000	1963340000
Protective cap			1965690000		1963890000		1963690000

BP = bending protection

V 01 with SC multimode  
**1963260000**



V 04 with RJ45 field installation  
**1963160000**



V 05 with RJ45 crimp  
**1963110000**



V 01 with LC multimode  
**1963220000**



V 04 with RJ45 crimp +  
bending protection  
**1963190000**



V 05 with RJ45 field installation  
**1963200000**



V 01 with RJ45 field installation +  
bending protection  
**1963130000**










V 04 with LC multimode  
**1963320000**



V 04 with SC multimode +  
bending protection  
**1963370000**



**Bulkhead connectors**

			Housing	Bayonet V 01 metal	Push Pull V 04 plastic	RockStar® V05 metal
						
				1963540000	1963520000	1963530000
	<b>Inserts</b> RJ45 coupler		1962840000	1963470000	1963490000	1963510000
	RJ45 module	TIA-A	1962850000	1963480000	1963500000	1963460000
		TIA-B	1963840000	Please order separately	Please order separately	Please order separately
		PROFINET	1963830000	Please order separately	Please order separately	Please order separately
	SCRJ/2 SC adaptor	multimode	1964430000	1964450000	1964470000	
		singlemode	1962870000	1963440000	1963420000	
	LC duplex adaptor	multimode	1964420000	1964440000	1964460000	
		singlemode	1962880000	1963430000	1963450000	
	Protective cap			1965700000	1963900000	1665750000

V 01 with RJ45 coupler  
**1963470000**



V 04 with RJ45 module  
**1963500000**



V 05 with RJ45 coupler  
**1963510000**



V 01 with SC multimode  
**1964450000**



V 04 with LC multimode  
**1964460000**



V 05 with RJ45 module  
**1963460000**



V 01 with LC multimode  
**1964440000**











V 04 with SC multimode  
**1964470000**



V 04 with RJ45 coupler  
**1963490000**



## IP 67 outlet boxes

Bulkhead housing variant		Bayonet V 01 metal	Push Pull V 04 plastic	RockStar® V05 metal
				
	<b>Enclosure</b>			
	1 port, straight	1966300000	1966220000	1966260000
	2 ports, right	1966310000	1966230000	1966270000
	2 ports, left	1966320000	1966240000	1966280000
	2 ports, straight	1966330000	1966250000	1966290000

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V 05 / 1 port, straight  
1966260000



V 05 / 2 ports, right  
1966270000



V 01 / 2 ports, left  
1966320000



V 04 / 2 ports, straight  
1966250000



## Weidmüller IE-LINE

## Housing variant 1

- IP 67



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## Housing variant 1

## Application:

The Weidmüller variant 1 housing consists of a base part (bulkhead housing) and a top part (plug housing). In the plugged condition they achieve class of protection IP 67.

## Features:

- IP 67
- in diecast zinc
- holder for marker
- standard pitch bulkhead housing
- protective cap IP67 retained by rubber cord
- variant 1 to ISO IEC 61076-3-106

## Variations:

- 1962550000: plug-in housing
- 1962560000: plug-in housing with bending protection
- 1965690000: protective cap for plug-in housing
- 1963540000: bulkhead housing
- 1965700000: protective cap for bulkhead housing

Weidmüller has a range of punching tools for making the necessary openings in the switching cabinet doors. We also have a comprehensive assortment of markers for plugs and bulkhead housing. For details, please refer to the Accessories chapter.

## Technical data

Ingress protection class  
Housing material  
Variant

IP 67  
Diecast zinc  
Variant 1

## Ordering data

Description of part	Type	Order No.
Plug housing	IE-PH-V01M	1962550000
Plug housing, buckling protection	IE-PH-V01M-BP	1962560000
Plug housing protective cap	IE-PP-V01P	1965690000
Bulkhead housing	IE-BH-V01M	1963540000
Bulkhead housing, protective cap	IE-BP-V01P	1965700000

Type	Order No.
IE-PH-V01M	1962550000
IE-PH-V01M-BP	1962560000
IE-PP-V01P	1965690000
IE-BH-V01M	1963540000
IE-BP-V01P	1965700000

## Note

## Accessories

Type	Order No.	
color coding ring, white	IE-CR-IP67-WS20-WH	1962990000
color coding ring, grey	IE-CR-IP67-WS20-GY	1963000000
color coding ring, orange	IE-CR-IP67-WS20-OG	1963010000
color coding ring, blue	IE-CR-IP67-WS20-BU	1963020000
color coding ring, yellow	IE-CR-IP67-WS20-YE	1963030000
color coding ring, green	IE-CR-IP67-WS20-GN	1963040000

Type	Order No.
IE-CR-IP67-WS20-WH	1962990000
IE-CR-IP67-WS20-GY	1963000000
IE-CR-IP67-WS20-OG	1963010000
IE-CR-IP67-WS20-BU	1963020000
IE-CR-IP67-WS20-YE	1963030000
IE-CR-IP67-WS20-GN	1963040000

## Note

**Housing variant 4**

- IP 67



**Housing variant 4**

**Application:**

The Weidmüller variant 4 housing consists of a base part (bulkhead housing) and a top part (plug housing). In the plugged condition they achieve class of protection IP 67.

**Features:**

- IP 67
- in polyamide, V-0
- standard pitch bulkhead housing
- holder for marker
- protective cap IP67 retained by rubber cord
- variant 4 to ISO IEC 61076-3-106

**Variations:**

- 1962520000: plug-in housing
- 1962530000: plug-in housing with bending protection
- 1963890000: protective cap for plug-in housing
- 1963520000: bulkhead housing
- 1963900000: protective cap for bulkhead housing

Weidmüller has a range of punching tools for making the necessary openings in the switching cabinet doors. We also have a comprehensive assortment of markers for plugs and bulkhead housing. For details, please refer to the Accessories chapter.

A fixing tool for the central gland on variant 4 is in preparation. Please contact us for more details.

**Technical data**

Ingress protection class  
Housing material  
Variant

IP 67  
PA UL 94 V0  
Variant 4

**Ordering data**

Description of part
Plug housing
Plug housing, buckling protection
Plug housing protective cap
Bulkhead housing
Bulkhead housing, protective cap

Type	Order No.
IE-PH-V04P	1962520000
IE-PH-V04P-BP	1962530000
IE-PP-V04P	1963890000
IE-BH-V04P	1963520000
IE-BP-V04P	1963900000

**Note**

**Accessories**

color coding ring, white  
color coding ring, grey  
color coding ring, orange  
color coding ring, blue  
color coding ring, yellow  
color coding ring, green

Type	Order No.
IE-CR-IP67-WS20-WH	1962990000
IE-CR-IP67-WS20-GY	1963000000
IE-CR-IP67-WS20-OG	1963010000
IE-CR-IP67-WS20-BU	1963020000
IE-CR-IP67-WS20-YE	1963030000
IE-CR-IP67-WS20-GN	1963040000

**Note**



## Weidmüller IE-LINE

### Housing variant 5

- IP 67



### Housing variant 5

#### Application:

The Weidmüller variant 5 housing consists of a base part (bulkhead housing) and a top part (plug housing). In the plugged condition they achieve class of protection IP 67.

#### Features:

- IP 67
- in robust diecast aluminium
- protective cap IP67 retained by rubber cord
- variant 5 to ISO IEC 61076-3-106

#### Variations:

- 1962540000: plug-in housing
- 1963690000: protective cap for plug-in housing
- 1963530000: bulkhead housing
- 1665750000: protective cap for bulkhead housing

Weidmüller has a range of punching tools for making the necessary openings in the switching cabinet doors. We also have a comprehensive assortment of markers for plugs and bulkhead housing. For details, please refer to the Accessories chapter.

### Technical data

Ingress protection class  
Housing material  
Variant

IP 67  
Diecast aluminium  
Variant 5

### Ordering data

Description of part	Type	Order No.
Plug housing	IE-PH-V05M	1962540000
Bulkhead housing	IE-BH-V05M	1963530000
Protective cap for plug housing	HDC 04A DODL 1LB	1963690000
Protective cap for bulkhead housing	HDC 04A DMDL 1BO	1665750000

Type	Order No.
IE-PH-V05M	1962540000
IE-BH-V05M	1963530000
HDC 04A DODL 1LB	1963690000
HDC 04A DMDL 1BO	1665750000

#### Note

### Accessories

Type	Order No.

#### Note

**RJ45 inserts**

- Cat.6
- IP 20



**RJ45 inserts**

**Application:**

The inserts are designed for use in Weidmüller housings - variants 1, 4 or 5.

**Features:**

- Cat.6
- IP 20 without housing
- as AWG 22 or AWG 24 inserts
- as plug-in or bulkhead inserts
- for flexible conductors from AWG 27/7 to AWG 22/7
- for solid conductors from AWG 27/1 to AWG 22/1
- thanks to just 2 elements, easy to assemble without any tools
- with colour coding on plug in TIA A/B/PROFINET
- 360° shield contact
- robust diecast zinc housing or nickel-plated brass housing

**Variations:**

RJ45 inserts, no tools required:

- diecast zinc housing, black
- stranded conductors: AWG 26/7 to AWG 22/7
- solid conductors: AWG 26/1 to AWG 22/1
- sheathing diameter: 5.5 to 10 mm for bulkhead inserts and 5.5 to 8.5 mm for plug-in inserts
- wire insulation diameter: up to 1.6 mm

RJ45 crimp inserts:

- brass housing
- stranded conductors: AWG 27/7 to AWG 24/7
- solid conductors: AWG 27/1 to AWG 24/1
- sheathing diameter: 5.5 to 10 mm for bulkhead inserts and 5.0 to 7.3 mm for plug-in inserts
- wire insulation diameter: 0.85 to 1.05 mm

**Technical data**

Category	Cat.6
Ingress protection class	IP 20
Plugging cycles	750 plugging cycles for plugs to IEC 60603-7
Shielding	360° all-round enclosure

**Ordering data**

Description of part	Type	Order No.
Plug insert AWG 22	IE-PI-RJ45-FH	1962730000
Plug insert AWG 24	IE-PI-RJ45-TH	1962720000
Bulkhead inserts coupler	IE-BI-RJ45-C	1962840000
Bulkhead inserts AWG 22, EIA / TIA 586 A	IE-BI-RJ45-FJ-A	1962850000
Bulkhead inserts AWG 22, EIA / TIA 586 B	IE-BI-RJ45-FJ-B	1963840000
Bulkhead inserts AWG 22, PROFINET	IE-BI-RJ45-FJ-P	1963830000

**Note**

**Accessories**

Type	Order No.
Pressing tool	TT 8 RS MP 8 9202800000

**Note**

Downloaded from [Elcodis.com](http://Elcodis.com) electronic components distributor

## Weidmüller IE-LINE

### SC inserts

- IP 20



### SC inserts

#### Application:

The SC inserts are designed for use in Weidmüller housings - both variant 1 and variant 4.

#### Features:

- IP 20 without housing
- robust design in diecast zinc
- as plug-in or bulkhead inserts

FO fabrication tools can be found in the Accessories chapter. An FO fabrication case is in preparation. Please contact us for more details.

### Technical data

Ingress protection class	IP 20
Housing material	PBT diecast zinc
Plugging cycles	1000 plugging cycles for plugs to IEC 61754

### Ordering data

Description of part	Type	Order No.
Plug insert 2 SC, singlemode	IE-PI-2SC-SM	1962760000
Plug insert 2 SC, multimode	IE-PI-2SC-MM	1962750000
Plug insert 2 SC, POF	IE-PI-2SC-POF	1962770000
Bulkhead insert SCRJ to 2 No. SC, singlemode	IE-BI-SCRJ2SC-SM-C	1962870000
Bulkhead insert SCRJ to 2 No. SC, multimode	IE-BI-SCRJ2SC-MM-C	1964430000

**Note**

### Accessories

Type	Order No.

**Note**

**LC inserts**

- IP 20



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**LC inserts**

**Application:**

The LC inserts are designed for use in Weidmüller housings - both variant 1 and variant 4.

**features:**

- IP 20 without housing
- robust design in diecast zinc
- as plug-in or bulkhead inserts

FO fabrication tools can be found in the Accessories chapter. An FO fabrication case is in preparation. Please contact us for more details.

**Technical data**

Ingress protection class	IP 20
Housing material	PBT diecast zinc
Plugging cycles	1000 plugging cycles for plugs to IEC 61754

**Ordering data**

Description of part	Type	Order No.
Plug insert 2 LC, singlemode	IE-PI-2LC-SM	1962790000
Plug insert 2 LC, multimode	IE-PI-2LC-MM	1962780000
Bulkhead insert LC duplex, singlemode	IE-BI-LCD-SM-C	1962880000
Bulkhead insert LC duplex, multimode	IE-BI-LCD-MM-C	1964420000

**Note**

**Accessories**

Type	Order No.

**Note**

## Weidmüller IE-LINE

## Outlet boxes IP 67

- IP 67
- for floor or wall mounting



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## Outlet boxes IP 67

## Application:

The Weidmüller IP 67 outlet boxes should always be your first choice when you need to create connection options for your network in industrial environments.

## Features:

- IP 67
- for floor or wall mounting
- aluminium enclosure made from AISi 12
- robust powder-coated finish (RAL 7001)
- 2 enclosure sizes available
- in variants V1, V4 and V5
- with 1 or 2 ports
- with outlet directions straight, left and right

## Variations:

- variant 4 with M16 plastic cable glands
- variants 1 and 5 with M16 nickel-plated brass cable glands

## Technical data

Ingress protection class  
Housing material  
Colour  
Installation

IP 67  
Al - Si 12  
grey  
Wall or floor mounting

## Ordering data

Description of part	Type	Order No.
Variant 1, 1 port, straight	IE-OM-V01M-K11-1S	1966300000
Variant 1, 2 ports, left	IE-OM-V01M-K21-2L	1966320000
Variant 1, 2 ports, right	IE-OM-V01M-K21-2R	1966310000
Variant 1, 2 ports, straight	IE-OM-V01M-K21-2S	1966330000
Variant 4, 1 port, straight	IE-OM-V04P-K11-1S	1966220000
Variant 4, 2 ports, left	IE-OM-V04P-K21-2L	1966240000
Variant 4, 2 ports, right	IE-OM-V04P-K21-2R	1966230000
Variant 4, 2 ports, straight	IE-OM-V04P-K21-2S	1966250000
Variant 5, 1 port, straight	IE-OM-V05M-K11-1S	1966260000
Variant 5, 2 ports, left	IE-OM-V05M-K21-2L	1966280000
Variant 5, 2 ports, right	IE-OM-V05M-K21-2R	1966270000
Variant 5, 2 ports, straight	IE-OM-V05M-K21-2S	1966290000

Note

## Accessories

Type	Order No.

Note

## RJ45 crimp plug

- Cat.6
- IP 20



## RJ45 crimp plug

### Application:

The Weidmüller AWG 24 plugs are useful for assembling your own installation and connecting cables.

### features:

- Cat.6
- IP 20
- piercing contacts and shield connection connected in one operation
- for solid and flexible conductors from AWG 27 to AWG 24
- for cable diameters up to 7.3 mm
- 360° shield contact
- antikink bushings for retrofitting
- effective grip profile
- bending protection
- multiport-compatible

### Variations:

- 1963590000: complete plug and antikink bushing in black
- 1963580000: bare plug for combining with coloured antikink bushing

## Technical data

Category	Cat.6
Ingress protection class	IP 20
Housing material	Brass, PC UL94 V0
Stranded cable diameter, Flexible, min./max.	0.46 mm/0.61 mm
Stranded cable diameter, Flexible, min./max.	AWG 27 /AWG 24
Diameter of solid wire, min./max.	0.36 mm/0.51 mm
Solid wire diameter, min./max.	AWG 27 /AWG 24
Wire insulation diameter, max.	7.3 mm
Cladding diameter, min./max.	5 mm /7.3 mm
Shielding	360° all-round enclosure
Plugging cycles	750 plugging cycles for plugs to IEC 60603-7

## Ordering data

Description of part	Type	Order No.
Plug with cable bushing in black	IE-PS-RJ45-TH-BK	1963590000
Plug without cable bushing	IE-PM-RJ45-TH	1963580000

## Note

## Accessories

	Type	Order No.
Cable bushing, white	IE-PH-RJ45-TH-WH	1962430000
Cable bushing, grey	IE-PH-RJ45-TH-GY	1962440000
Cable bushing, orange	IE-PH-RJ45-TH-OG	1962450000
Cable bushing, blue	IE-PH-RJ45-TH-BU	1962470000
Cable bushing, yellow	IE-PH-RJ45-TH-YE	1962480000
Cable bushing, green	IE-PH-RJ45-TH-GN	1962490000
Cable bushing, black	IE-PH-RJ45-TH-BK	1962500000
Pressing tool	TT 8 RS MP 8	9202800000

## Note

## Weidmüller IE-LINE

## RJ45 plug field installation

- Cat.6
- IP 20



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## RJ45 plug field installation

## Application:

The Weidmüller customisable AWG 22 plugs are ideal for assembling your own installation cables without the use of crimping tools.

## Features:

- Cat.6
- IP 20
- 8-core customisable RJ45 plug
- for flexible conductors from AWG 26/7 to AWG 22/7
- for solid conductors from AWG 26/1 to AWG 22/1
- easy to assemble thanks to just 2 elements
- with colour coding on plug in TIA A/B/PROFINET
- for cable diameters up to 8.5 mm
- 360° shield contact
- robust diecast zinc housing

## Technical data

Category	Cat.6
Ingress protection class	IP 20
Housing material	Diecast zinc
Colour	black
Stranded cable diameter, Flexible, min./max.	0.48 mm/0.76 mm
Stranded cable diameter, Flexible, min./max.	AWG 26 /AWG 22
Diameter of solid wire, min./max.	0.4 mm/0.64 mm
Solid wire diameter, min./max.	AWG 26 /AWG 22
Wire insulation diameter, max.	1.6 mm
Cladding diameter, min./max.	5.5 mm /8.5 mm
Shielding	360° all-round enclosure
Plugging cycles	750 plugging cycles for plugs to IEC 60603-7

## Ordering data

Description of part	Type	Order No.
Plug EIA / TIA 568 A/B/PROFINET	IE-PS-RJ45-FH-BK	1963600000

## Note

## Accessories

	Type	Order No.
Strain relief, white	IE-CR-IP20-RJ45-FH-WH	1963050000
Strain relief, grey	IE-CR-IP20-RJ45-FH-GY	1963060000
Strain relief, orange	IE-CR-IP20-RJ45-FH-OG	1963070000
Strain relief, blue	IE-CR-IP20-RJ45-FH-BU	1963080000
Strain relief, yellow	IE-CR-IP20-RJ45-FH-YE	1963090000
Strain relief, green	IE-CR-IP20-RJ45-FH-GN	1963100000

## Note

**FO connector**

- IP 20



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**FO connector**

**Application:**

The Weidmüller fibre-optic cable connectors should always be your first choice when assembling your own fibre-optic cables.

**Features:**

- IP 20
- POF, multimode or single mode
- SC, SCRJ and SC duplex are all easily realised
- mounting frame for integrating simplex connectors

Please note: SC (or SC simplex) connectors are supplied in packs of 2

Further connecting clips are available:

- in yellow and blue for SCRJ
- in blue only for SC duplex

FO fabrication tools can be found in the Accessories chapter. An FO fabrication case is in preparation. Please contact us for more details.

**Technical data**

Ingress protection class  
Plugging cycles

IP 20  
1000 plugging cycles for plugs to IEC 61754

**Ordering data**

Description of part	Type	Order No.
Plug SC, singlemode	IE-PS-SC-SM	1962920000
Plug SC, multimode	IE-PS-SC-MM	1962910000
Plug SC, POF	IE-PS-SC-POF	1962930000
Plug SC duplex, singlemode	IE-PS-SCD-SM	1964410000
Plug SC duplex, multimode	IE-PS-SCD-MM	1964480000
Plug SCRJ, singlemode	IE-PS-SCRJ-SM	1962950000
Plug SCRJ, multimode	IE-PS-SCRJ-MM	1962940000
Plug SCRJ, POF	IE-PS-SCRJ-POF	1962960000
Plug LC duplex, singlemode	IE-PS-LCD-SM	1962980000
Plug LC duplex, multimode	IE-PS-LCD-MM	1962970000
Clip, SC duplex, multimode, beige	IE-PB-SCD-MM	1962900000
Clip, SCRJ, multimode, beige	IE-PB-SCRJ-MM	1962890000

Note

**Accessories**

Type	Order No.

Note



# Overview of Weidmüller IE-LINE RJ45 and M12

...for use in switching cabinets and on machines and plants in harsh industrial environments.

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## Terminal rail outlets



...for connections in switching cabinets or junction boxes

- in Cat.6
- IP 20

## M12 plug-in connector



... for assembling cables in IP 67

- M12, d-coded
- IP 67

## Junction box, coupler and plug



...for IP 67 connections in the field

- in Cat.6
- IP 67

## Adapter and coupler



...for linking and connecting M12 cables

- M12, d-coded

## Built-in flange



...for switching cabinet interfaces in IP 67

- in Cat.6
- IP 67
- various models

## PCB connecting elements



... for your devices in the field of PROFINET

- M12, d-coded

## Cable splitter module



...for adapting an 8-core installation cable to two 4-core services

- in Cat.5e
- IP 20

## Connecting module

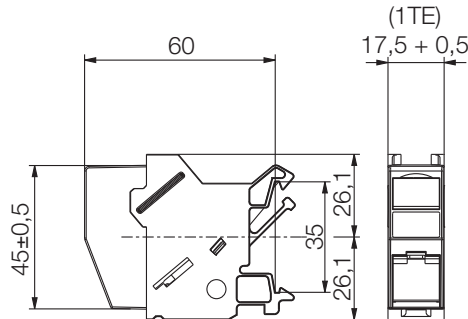


...for connecting or repairing installation lines

- in Cat.7
- IP 20

**Terminal rail outlet**

- Cat.6
- IP 20
- for terminal rail



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**Terminal rail outlet**

**Application:**

The Weidmüller terminal rail outlets should always be your first choice in the switching cabinet when you need to...

- connect installation cables,
- join RJ45 cables,
- join fibre-optic cables with ST connectors.

**Features:**

- Cat.6
- IP 20
- suitable for mounting on TS 35 terminal rail
- 1 TE pitch dimension to DIN 43880
- viewing window for labelling
- housing made from PA66, V-0, in light grey (RAL 7035)
- tested for 750 plugging cycles with RJ45 plugs to IEC 60603-7

**Variations:**

- 8808360000: RJ45 module insert for connecting conductors from AWG 26 to AWG 22; colour coding to EIA/TIA 568 A
- 8891980000: ditto, but colour coding to EIA/TIA 568 B
- 8879050000: RJ45 to RJ45 coupler insert
- 8808340000: ST to ST coupler insert

**Technical data**

Ingress protection class	IP 20
Housing material	PA 66; UL 94: V-0
Colour	light grey (RAL 7035)
Plugging cycles	750 plugging cycles for plugs to IEC 60603-7
Installation	for terminal rail TS35

**Ordering data**

Description of part	Type	Order No.
RJ45 module EIA/TIA 568 A	IE-XM-RJ45/IDC	8808360000
RJ45 module EIA/TIA 568 B	IE-XM-RJ45/IDC-B	8891980000
RJ45-RJ45 coupler	IE-XM-RJ45/RJ45	8879050000
ST-ST coupler	IE-XM-ST/ST	8808340000

Note

**Accessories**

Type	Order No.
Marker	IE-DM 8813500000

Note

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## Weidmüller IE-LINE RJ45

## Junction box, cable coupler, plug

- Cat.6
- IP 67

C



## Junction box, cable coupler, plug

## Application:

The Weidmüller IP 67 connecting plugs enable you to connect your Industrial Ethernet cables in tough industrial environments.

## Features:

- Cat.6
- IP 67
- for mounting on suitable surfaces or also for laying loose
- 360° shield contact
- colour coding to EIA/TIA 568 A
- housing made from PA66, V-0, in light grey (RAL7035)
- tested for 750 plugging cycles to IEC 60603-7

## Variations:

- 8808370000: Junction box for fixed wall mounting, IDC terminal for conductors (AWG 26 to AWG 22)
- 8813090000: Cable coupler for laying loose, IDC terminal for conductors (AWG 26 to AWG 22)
- 8808380000: Plug for connecting to junction box or cable coupler, for connecting flexible conductors (AWG 27/7 to AWG 24/7)

## Technical data

Category	Cat.6
Ingress protection class	IP 67
Shielding	360° shield contact
Housing material	PA 66; UL 94: V-0
Colour	light grey (RAL 7035)
Plugging cycles	750 plugging cycles for plugs to IEC 60603-7

## Ordering data

Description of part	Type	Order No.
Junction box	IE-S-IP67	8808370000
Cable coupler	IE-C-IP67	8813090000
Plug	IE-P-IP67	8808380000

## Note

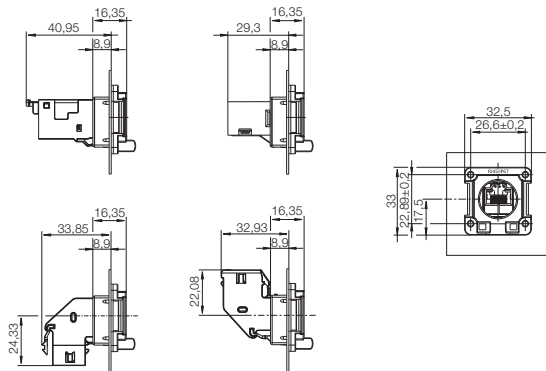
## Accessories

	Type	Order No.
Pressing tool	TT 8 RS MP 8	9202800000

## Note

**Built-in flange**

- Cat.6
- IP 67



**Built-in flange**

**Application:**

Weidmüller built-in flanges should always be your first choice when you need an IP 67 connection on a switching cabinet or junction boxes.

**Features:**

- Cat.6
- IP 67
- housing made from PA66, V-0, in light grey (RAL 7035)
- 360° shield contact
- tested for 750 plugging cycles with RJ45 plugs to IEC 60603-7

**Variations:**

- 8808440000: RJ45 module insert for connecting conductors from AWG 26 to AWG 22; colour coding to EIA/TIA 568 A
- 8808450000: RJ45 to RJ45 coupler insert, straight version
- 8829450000: RJ45 to RJ45 coupler insert, 90° down version
- 8829440000: RJ45 to RJ45 coupler insert, 90° up version
- 8892670000: USB to USB coupler insert

**Technical data**

Category	Cat.6
Ingress protection class	IP 67
Housing material	PA 66; UL 94: V-0
Colour	light grey (RAL 7035)
Shielding	360° shield contact
Installation	in switching cabinet or junction boxes
Plugging cycles	750 plugging cycles for plugs to IEC 60603-7

**Ordering data**

Description of part	Type	Order No.
RJ45 module flange, straight	IE-XM-RJ45/IDC-IP67	8808440000
Coupling flange, straight	IE-XM-RJ45/RJ45-IP67	8808450000
Coupling flange, 90° down	IE-XM-6D-RJ45/RJ45-IP67	8829450000
Coupling flange, 90° up	IE-XM-6U-RJ45/RJ45-IP67	8829440000
USB flange	IE-XM-USB/USB-IP67	8892670000

**Note**

**Accessories**

Type	Order No.

**Note**

**Weidmüller IE-LINE RJ45****Cable splitter module**

- Cat.5
- IP 20

**C****Cable splitter module****Application:**

If you need an adapter that enables you to use an 8-core installation cable for two 4-core services, then the Weidmüller cable splitting module should always be your first choice.

**Features:**

- Cat.5
- IP 20
- housing made from shockproof ABS plastic in light grey
- narrow design enables mounting side by side in the patch panel

**Technical data**

Category	Cat.5
Ingress protection class	IP 20
Colour	light grey (RAL 7035)
Installation	can be plugged in adjacent to each other in patch panel

**Ordering data**

Description of part	Type	Order No.
Cable splitter module	IE-CSM 1 Set	8808400000

**Note**

Supplied in packs of 2 pcs

**Accessories**

Type	Order No.

**Note**

Connection module

- Cat.7
- IP 20



Connection modul

Application:

The Weidmüller connection module is always useful when you have to repair or lengthen a broken installation line in a confined space without any reserves of cable.

Features:

- Cat.7
- IP 20
- fully shielded metal housing, grey
- cable can be fed from 1 or 2 sides
- LSA + IDC connection on both sides
- captive 360° shield connection
- with separate strain relief
- wall or floor mounting

Technical data

Category	Cat.7
Ingress protection class	IP 20
Housing material	fully shielded metal housing
Colour	grey
Shielding	Captive 360° shield connection, plus separate strain relief
Installation	Wall or floor mounting

Ordering data

Description of part	Type	Order No.
Connection module	IE-CCM	8808410000

Note

Accessories

	Type	Order No.
Crimping tool	PUNCH DOWN TOOL PDT	9013970000

Note

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