

Industrial Ethernet in the control cabinet

Optimal solutions for RJ45 and USB cabling



What do you need to wire your control cabinet?

- Patch Cords
- DIN Rail Outlets

- Lighting
- RJ45 Connectors

- Service Interfaces

RJ45 Patch Cords

- Shielded, LSZH
- 9 different colors for visual differentiation, with marking sleeves
- Protected clips that facilitate pulling through a cable duct
- Available in individual lengths and angled versions



RJ45 DIN Rail Outlets – Straight

- 8 wire, Cat.6A, switchable grounding connection from module/coupling to mounting rail
- IP20
- TS 35
- 1 TE pitch dimension according to DIN43880. Insta-compatible



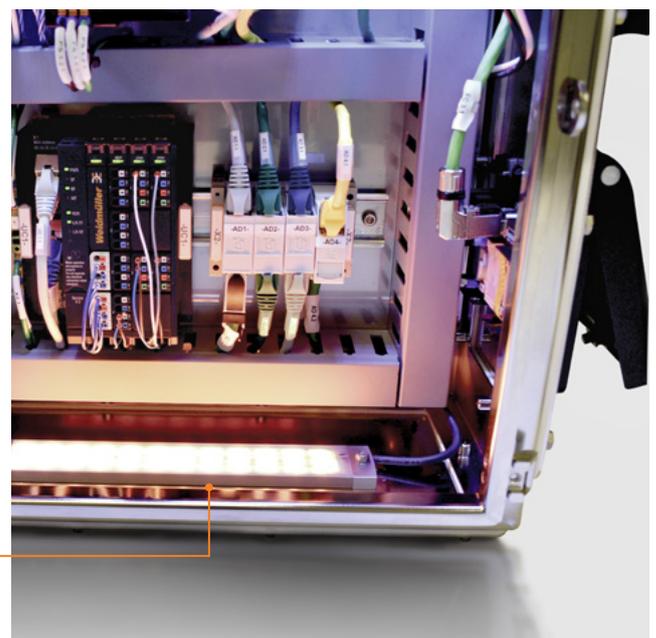
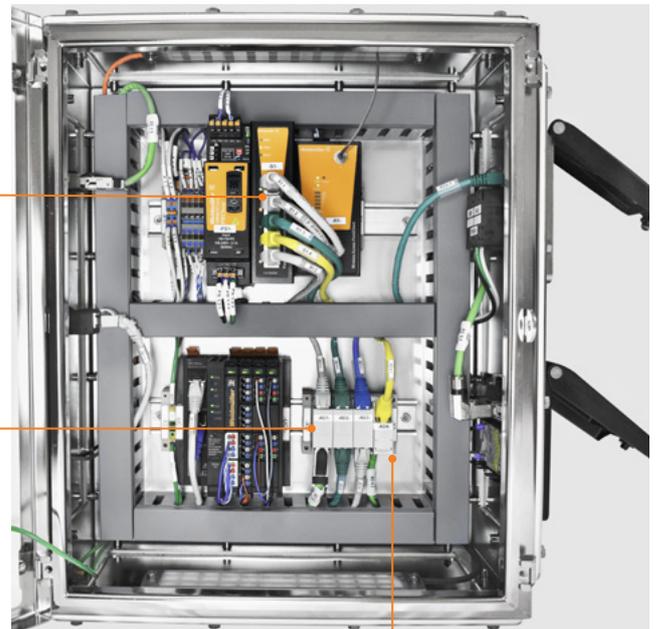
RJ45 DIN Rail Outlet – Angled

- 8 wire Cat.6A connection from module/coupling to mounting rail with inspection window for labelling
- 1 TE pitch dimension according to DIN43880. Insta-compatible
- IP20
- TS 35



Weidmüller Industry Light (WIL)

- Rugged compact design – 8 mm thick
- Low voltage 24 VDC
- Low heat
- IP67
- Various brightness and color options
- Magnet, screw and bracket mounting options



**Field Attachable
RJ45 Connector – Straight**

- Tool free, fast field installation
- Cat.6A
- IP20
- Color Coded for EIA/TIA T568 A, B or Profinet



**Field Attachable
RJ45 Connector – Angled**

- Tool free, fast field installation
- Cat.6A for EIA/TIA T568 A, or Profinet
- IP20
- One part number with a twist – many angle options



**FrontCom® Micro Service
Interface**

- USB 2.0, 3.0 or 2.0 A to B
- Easy to install – 22 mm standard hole
- IP65



**FrontCom® Vario Service
Interface**

- Over 5,000 possible combinations
- Double or single frame, with wide range of power, data and signal inserts
- IP65/NEMA 12 version (Water and Dust tight according to UL50E),
- NEMA 4X version
- Modular / Configurable online



Connectors for your control cabinet

Innovative RJ45 and USB connectivity solutions

Weidmüller offers a complete range of high-quality products for RJ45 and USB control cabinet cabling through to sensors and actuators.

Service Interface FrontCom® Micro

	Type	Order No.
	FrontCom Micro RJ45 coupling	1018790000
	FrontCom Micro USB coupling, USB 2.0, Type A	1018840000
 Further variants in the online catalogue		

Service Interface FrontCom® Vario

	Type	Order No.
	Single frame, plastic lid, rotary knob locking system	1450510000
	Double frame, metal cover, lockable with control cabinet key	2003190000
	Insert plate, shielded, 1x Power, 2x Data	1450550000
	Insert plate, shielded, 2x Data, 2x Signal	1450590000
	Bar for mounting single plates into double frame	2003340000
	Insert RJ45 socket, coupling	1962840000
	Insert USB 2.0 type A, socket, coupling	1019570000
	Insert Power large, type F, socket, DE	1450730000
	Insert Power large, type E, socket, FR, B, CZ	2426700000
	 Further variants in the online catalogue  Simply configure online at: https://galaxy.weidmueller.com/frontcom	

Field-attachable RJ45 Connectors

	Type	Order No.
	RJ45 IP20 STEADYTEC® - EIA/TIA T568 A, EIA/TIA T568 B, PROFINET	1963600000
	RJ45 IP20 STEADYTEC® - 4-wire, PROFINET	1132060000
	RJ45 IP20 angled - EIA/TIA T568 B - insulation cross section: 1.1-1.6 mm	1992890000
	RJ45 IP20 angled - EIA/TIA T568 B - insulation cross section: 0.85-1.1 mm	1518090000
	RJ45 IP20 angled - EIA/TIA T568 A - insulation cross section: 0.85-1.1 mm	1518080000
	RJ45 IP20 angled - EIA/TIA T568 A - insulation cross section: 1.1-1.6 mm	1992870000
	RJ45 IP20 angled - 4-wire, PROFINET- insulation cross section: 1.1-1.6 mm	1518100000
 Further variants in the online catalogue		

DIN Rail Outlets RJ45 / USB

		Type	Order No.
		DIN Rail Outlet, RJ45, coupling, IP20, Cat.6A / Class EA (ISO/IEC 11801 2010)	8946920000
		DIN Rail Outlet, RJ45, module, angled, IP20, Cat.6A / Class EA (ISO/IEC 11801 2010)	8808360000
		DIN Rail Outlet, USB, coupling, IP20	8946960000
 Further variants in the online catalogue			

RJ45 Patch Cords, LSZH, shielded

		Type	Order No.
		CabinetLine grey, 0.2 m	1165940002
		CabinetLine grey, 0.5 m	1165940005
		CabinetLine grey, 1.0 m	1165940010
		CabinetLine grey, 2.0 m	1165940020
		CabinetLine grey, 3.0 m	1165940030
		CabinetLine grey, 5.0 m	1165940050
		CabinetLine grey, 10.0 m	1165940100
	Cable guiding - Cable bender 90°	2704480000	
 More lengths and 9 different colours in the online catalogue			

USB Patch Cords

		Type	Order No.
		USB cable, USB A / USB A, PVC, 0.5 m	1993550005
		USB cable, USB A / USB A, PVC, 1.0 m	1993550010
		USB cable, USB A / USB A, PVC, 1.5 m	1993550015
		USB cable, USB A / USB A, PVC, 3.0 m	1993550030
 Further variants in the online catalogue			

WIL Weidmüller Industry Light

		Type	Order No.
		Weidmüller Industry Light, neutral white, length: 240 mm, supply cable: 0.3 m, M12	2617810000
		Sensor/actuator cable, open at one end, M12, socket, straight, PUR, 3.0 m	1108730300
		Weidmüller Industry Light, neutral white, length: 240 mm, supply cable: 0.3 m, open end	2732910000
		Field attachable connector, M12, pin, straight	9457550000
 Further lengths, different light colours and special versions as well as further connection components in the online catalogue			

Weidmüller – Your partner in Industrial Connectivity

As experienced experts we support our customers and partners around the world with products, solutions and services in the industrial environment of power, signal and data. We are at home in their industries and markets and know the technological challenges of tomorrow. We are therefore continuously developing innovative, sustainable and useful solutions for their individual needs. Together we set standards in Industrial Connectivity.

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All orders are based on our general terms of delivery, which can be reviewed on the websites of our group companies where you place your order. On demand we can also send the general terms of delivery to you.

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10/2022/TDFP1