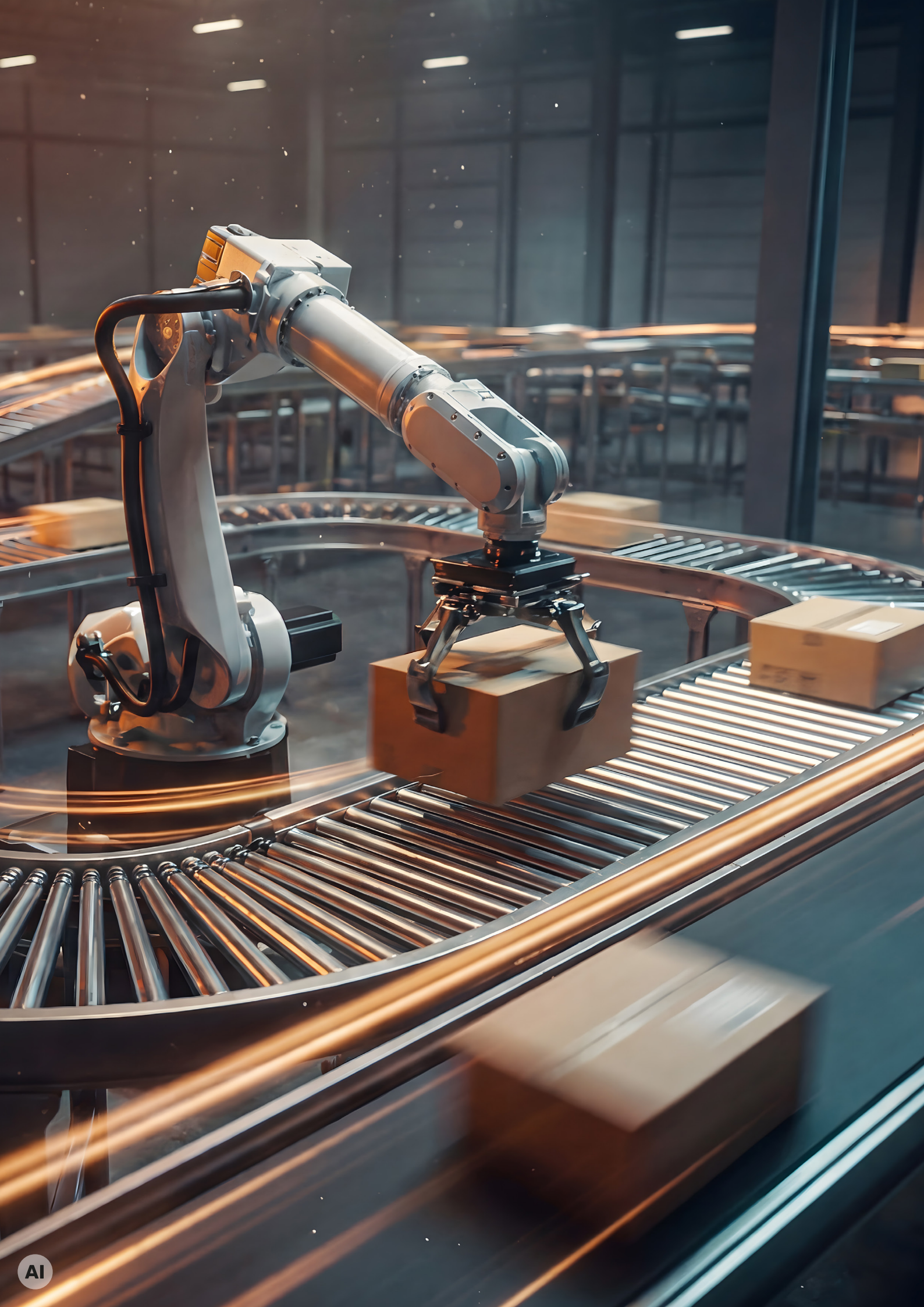


Industrial Network Solutions

Industrial Communication





Every machine communicates. Every connection counts. One partner for seamless connectivity.

Industrial networks are only as reliable as their weakest physical link. LAPP supplies the complete communication chain from cabinet to sensor - validated, matched and supported from a single source.

In modern production environments, every function depends on a continuous, unbroken chain of communication. Controllers direct machines, sensors report back, and actuators respond - all via a physical infrastructure that must perform reliably under real industrial conditions: heat, vibration, moisture, electromagnetic interference and constant mechanical stress.

The components that carry these signals are often the last to be specified and the first to cause failure. A switch that is not PROFINET-certified can disrupt real-time cycles without any visible error. A cordset rated for a dry environment fails in six months on a washdown line. A patchcord without adequate shielding introduces noise that no software can filter out.

LAPP's industrial network solutions portfolio eliminates these risks. Every component is selected, tested and validated for industrial use. LAPP supplies every element of the communication chain: Industrial Ethernet switches for structured, redundant networks; Remote I/O modules for field-level connectivity; and patchcords and cordsets that connect it all with precision.

“The question is not what a cable costs. The question is what a production stop costs – and whether the cable you chose was ever rated for your conditions.”

Simon Vrbnjak, Global Business Development Manager Industrial Communication

Why customers choose LAPP

- 1. Single-source accountability**
One partner supplies the complete solution – from switch, cables and connectors to remote I/O.
- 2. Validated component matching**
LAPP components are tested. No compatibility surprises between cable category, connector coding and switch port type.
- 3. Compliance across the component chain**
PROFINET, UL, IEC and IP protection – every product in the chain meets the specifications your application requires.
- 4. IIoT and future-ready architecture**
IO-Link master ports, Gigabit switching and TSN-ready cable infrastructure scale with your digitisation roadmap.

Industrial network solutions for industrial connectivity



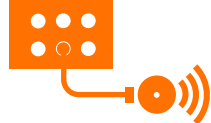
Three product families. One complete solution.



Industrial Ethernet switches

Find out more:

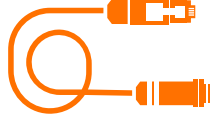




Remote I/O devices

Find out more:

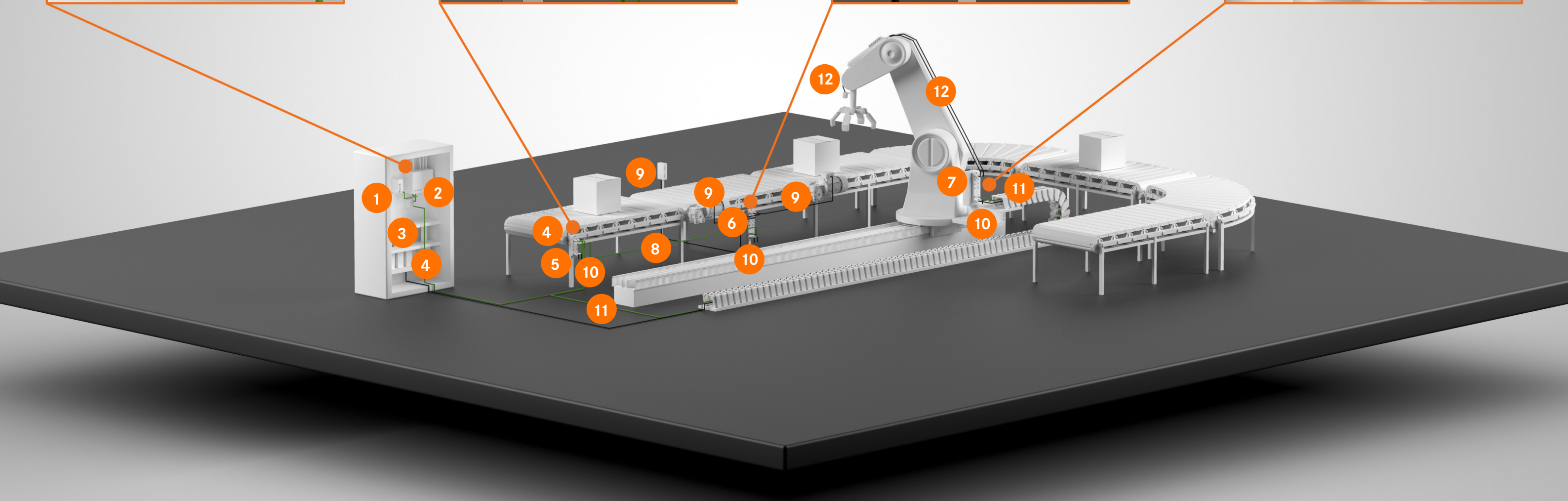
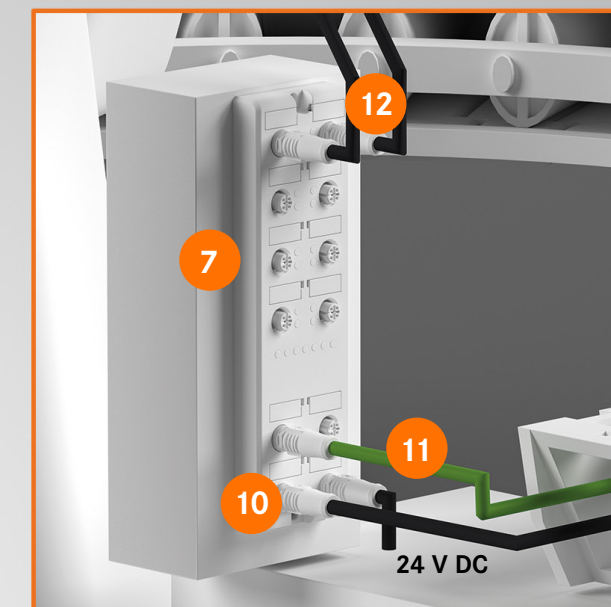
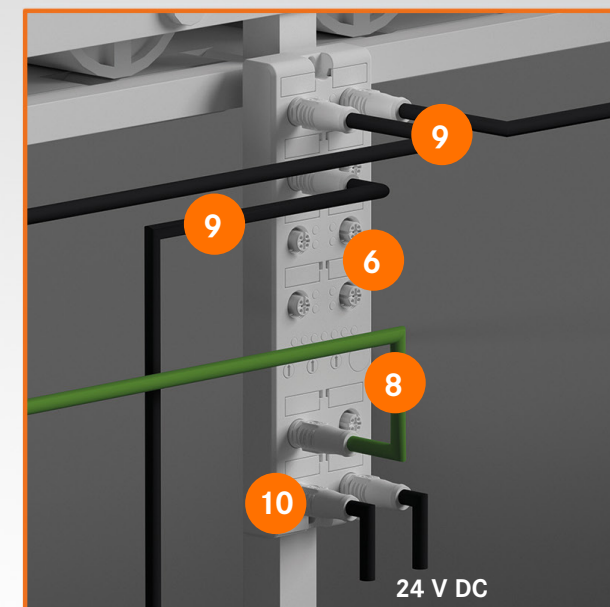
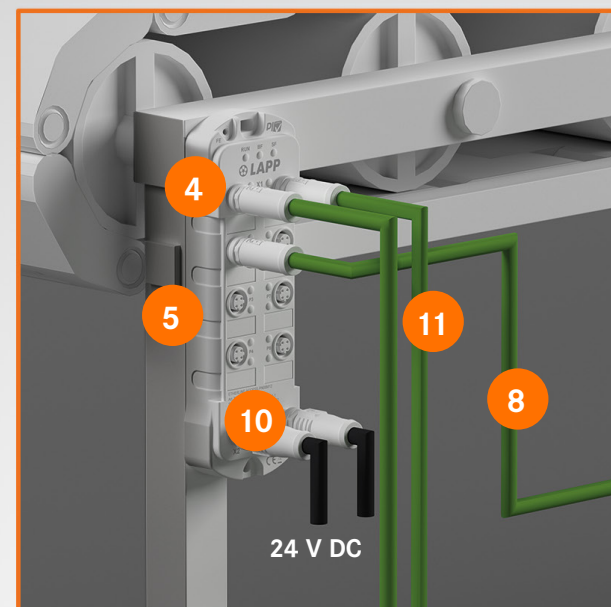
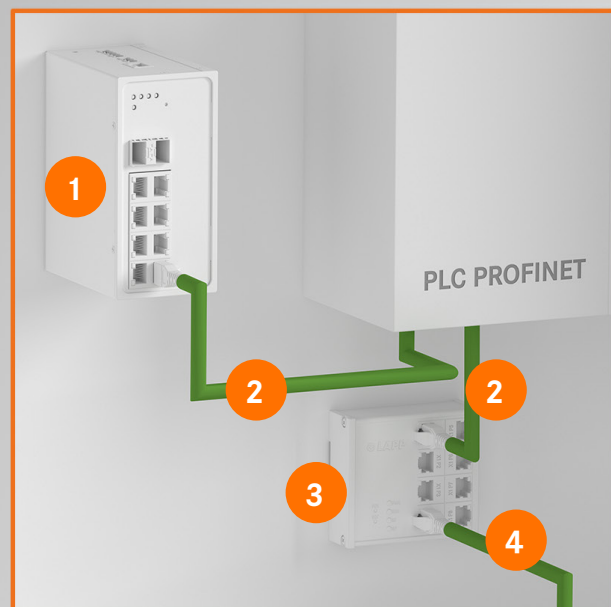




Patchcords & cordsets

Find out more:





- | | | | | | | | |
|---|---|---|-------------------------------------|---|-------------------------------------|----|-----------------------------------|
| 1 | ETHERLINE® ACCESS Managed | 4 | ETHERLINE® PN Flex Cat.5 Patchcords | 7 | UNITRONIC® ACCESS SP08 IOL | 10 | EPIC® POWER M12L Cordsets |
| 2 | ETHERLINE® PN Cabinet Cat.6a Patchcords | 5 | ETHERLINE® ACCESS PN IP67 | 8 | ETHERLINE® PN Flex Cat.5 Patchcords | 11 | ETHERLINE® PN FD Cat.5 Patchcords |
| 3 | ETHERLINE® ACCESS PNF | 6 | UNITRONIC® ACCESS MP08 IOL | 9 | EPIC® SENSOR FD M12A Cordsets | 12 | UNITRONIC® SENSOR SH M12 |

The quickest way to the right solution

ETHERLINE® ACCESS Managed



Article number 21700137
Managed switch; Ethernet/IP, Modbus/TCP;
Interfaces: 8xRJ 45 (10 Mbit/s; 100 Mbit/s);
2xSFP (1.000 Mbit/s)

ETHERLINE® PN Cabinet Cat.6a Patchcords



Article number 2170572
Pre-assembled Ethernet cable; Flexible;
ETHERNET/IP, EtherCAT; Cat.6A; S/FTP;
Polyurethane; 4x2; RJ 45, Plug, Straight
(180 °); RJ 45, Plug, Straight (180 °)

ETHERLINE® ACCESS PNF



Article number 21700142
Managed switch; PROFINET CC-B;
Interfaces: 8xRJ 45 (10 Mbit/s;
100 Mbit/s)

UNITRONIC® ACCESS SP08 IOL



Article number 381166712
Remote I/O device; Interfaces: 8xM 12

ETHERLINE® PN Flex Cat.5 Patchcords



Article number 2171028
Pre-assembled Ethernet cable; Flexible,
Fixed Installation; PROFINET, ETHERNET/
IP, Ethernet; PROFINET application: Type B;
Cat.5e; SF/UTP; Polyvinylchloride; 2x2;
M 12 (D-coded), Plug, Straight (180 °); M 12
(D-coded), Plug, Straight (180 °)

EPIC® SENSOR FD M12A Cordsets



Article number 7433501133
Sensor/actuator cable; Polyurethane;
1x4; M 12 (A-coded), Plug, Straight
(180 °); Open end

ETHERLINE® PN Flex Cat.5 Patchcords



Article number 2171219
Pre-assembled Ethernet cable; Flexible,
Fixed Installation; PROFINET, ETHERNET/
IP, Ethernet; PROFINET application: Type B;
Cat.5e; SF/UTP; Polyvinylchloride; 2x2; RJ 45,
Plug, Straight (180 °); M 12 (D-coded), Plug,
Straight (180 °)

ETHERLINE® ACCESS PN IP67



Article number 21700147
Managed switch; PROFINET CC-B;
Interfaces: 8xM 12 (10 Mbit/s;
100 Mbit/s)

UNITRONIC® ACCESS MP08 IOL



Article number 381166717
Remote I/O device; Interfaces: 8xM 12

EPIC® POWER M12L Cordsets



Article number 7433503667
Pre-assembled sensor/actuator cable;
Flexible; Polyurethane; M 12 (L-coded), Socket,
Straight; M 12 (L-coded), Plug, Straight

ETHERLINE® PN FD Cat.5 Patchcords



Article number 2171052
Pre-assembled Ethernet cable; Cable chain,
Flexible; PROFINET, ETHERNET/IP, Ethernet;
PROFINET application: Type C; Cat.5e; SF/
UTP; 2x2; M 12 (D-coded), Plug, Straight
(180 °); M 12 (D-coded), Plug, Straight (180 °)

UNITRONIC® SENSOR SH M12

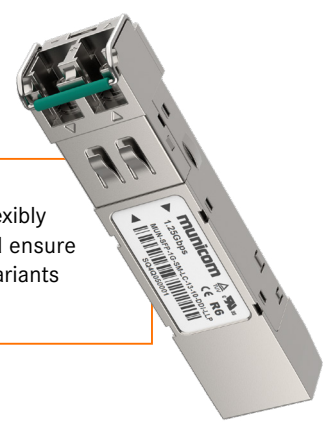


Article number 22260460
Pre-assembled sensor/actuator
cable; Cable chain, Flexible; Shielded;
Polyurethane; 1x4; Open end; M 12
(A-coded), Plug, Straight (180 °)

SFP modules for industrial networks



The compact SFP modules enable the switches to be connected flexibly to the fibre optic infrastructure using fibre optic patch cables and ensure reliable optical data transmission. Depending on the application, variants are available for different data rates, fibre types and wavelengths.



? Not sure which products are right for you?



We'd be happy to advise you!
Get quick and personalised support from our experts – whether you need help selecting the right solution or have specific technical questions. Simply scan the QR code to get in touch with us.

Patchcords & Cordset Finder



With our Patchcord & Cordset Finder, you can find the right cable and connector combination for your application in just a few steps. The finder guides you intuitively through the selection process and shows you suitable products straight away.



ÖLFLEX®
Power and control cables



UNITRONIC®
Data communication systems



ETHERLINE®
Data communication systems
for Ethernet technology



HITRONIC®
Optical transmission systems



EPIC®
Industrial connectors



SKINTOP®
Cable glands



SILVYN®
Protective cable conduit systems
and cable carrier systems



FLEXIMARK®
Marking systems

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