PHŒNIX CONTACT

Distributed I/O device - AXL E PN IOL8 DI4 M12 6M - 2701519

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Axioline E PROFINET device in a metal housing with 8 IO-Link ports and 4 digital inputs, 24 V DC, M12 fast connection technology

Why buy this product

☑ Connection to PROFINET network using M12connectors (D-coded)

☑ Transmission speed of 100 Mbps

☑ Connection of four IO-Link devices with additional digital input

☑ Connection of four IO-Link actuators with additional power supply

☑ Connection of IO-Link ports using M12connectors (A-coded, 5-pos.)

☑ Diagnostic and status indicators

☑ Short-circuit and overload protection of the sensor supply

☑ IP65/IP67 degree of protection

RoHS **PROFINET** **IO-Link**

Key Commercial Data

Packing unit	1 STK
Weight per Piece (excluding packing)	700.000 g
Custom tariff number	85176200
Country of origin	Germany

Technical data

Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area

Dimensions

Width	60 mm
Height	185 mm
Depth	38 mm

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Technical data

Dimensions

Note on dimensions	The height is 194.5 mm including the mounting plate. With fixing clips pulled out, the height is 212 mm. The depth is 38 mm including the mounting plate (30.5 mm without the mounting plate).
Drill hole spacing	198.5 mm

Ambient conditions

Ambient temperature (operation)	-25 °C ... 60 °C
Ambient temperature (storage/transport)	-25 °C ... 85 °C
Permissible humidity (operation)	5 % ... 95 %
Permissible humidity (storage/transport)	5 % ... 95 %
Air pressure (operation)	70 kPa ... 106 kPa (up to 3000 m above sea level)
Air pressure (storage/transport)	70 kPa ... 106 kPa (up to 3000 m above sea level)
Degree of protection	IP65/IP67

General

Housing material	Zinc die-cast
Mounting type	Wall mounting or DIN rail mounting; both with mounting plate.
Net weight	708.7 g

Interfaces

Fieldbus system	PROFINET
Designation	PROFINET
Connection method	M12 fast connection technology
Note on connection method	D-coded
Designation connection point	Copper cable
Transmission speed	100 MBit/s (with auto negotiation)
Number of positions	4

System limits of the bus coupler

Designation	PROFINET
Equipment type	PROFINET Device
Conformance class	B
Number of supported application relationships (AR)	2
System-specific protocols	PROFINET protocols LLDP
	PROFINET protocols MRP client
	PROFINET protocols DCP
	PROFINET protocols DCE-RPC
Protocols supported	SNMP v1
	HTTP
	TFTP

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System limits of the bus coupler

	FTP

Power supply for module electronics

Designation	Module electronics and sensors (U_S)
Connection method	M12 connector (T-coded)
Number of positions	4
Supply voltage	24 V DC
Nominal supply voltage range	18 V DC ... 31.2 V DC (including all tolerances, including ripple)
Current consumption	max. 12 A
Typical current consumption	180 mA ±15 % (at 24 V DC)
Designation	Actuators (U_A)
Connection method	M12 connector (T-coded)
Number of positions	4
Supply voltage	24 V DC
Nominal supply voltage range	18 V DC ... 31.2 V DC (including all tolerances, including ripple)
Current consumption	max. 12 A
Typical current consumption	28 mA ±15 % (at 24 V DC)

Digital inputs

Description of the input	IO-Link ports in digital input (DI) mode
Connection method	M12 connector, X01 ... X04 have double occupancy
	3-conductor
Nominal input voltage U_{IN}	24 V DC
Input voltage range "0" signal	-0.3 V DC ... 5 V DC
Input voltage range "1" signal	15 V DC ... 30 V DC
Nominal input current	typ. 3 mA
Sensor current per channel	max. 200 mA (from L+/L-)
Total sensor current	max. 1.6 A (from L+/L-)
Input filter time	< 1000 µs
Input frequency	0.5 kHz
Protective circuit	Overload protection Electronic
	Short-circuit protection for the sensor supply Electronic

Digital outputs

Output description	IO-Link ports in digital output (DO) mode
Connection method	M12 connector, X01 ... X04 have double occupancy
	2, 3-wire
Number of outputs	max. 8
Nominal output voltage	24 V DC

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Technical data

Digital outputs

Maximum output current per channel	150 mA
Maximum output current per device	1.6 A (over all 8 IO-Link C/Q and L+ cables)
Maximum total current consumption	max. 1.6 A (Per device)
Nominal load, ohmic	3.6 W (160 Ω, at nominal load)
Nominal load, inductive	3.6 VA (0.8 H, 160 Ω, at nominal load)
Signal delay	max. 150 µs (when switched on)
	max. 200 µs (when switched off)
Switching rate	1 per second, maximum (at nominal inductive load)
Limitation of the voltage induced on circuit interruption	-15 V DC
Output voltage when switched off	max. 1 V
Output current when switched off	max. 300 µA
Protective circuit	Overload protection
	Short-circuit protection Electronic
Behavior with overload	Shutdown with automatic restart

Electrical isolation

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Test section	24 V supply (communications power and sensor supply, IO-Link ports)/bus connection (Ethernet 1) 500 V AC 50 Hz 1 min.
	24 V supply (communications power and sensor supply, IO-Link ports)/bus connection (Ethernet 2) 500 V AC 50 Hz 1 min.
	24 V supply (communications power and sensor supply, IO-Link ports)/FE 500 V AC 50 Hz 1 min.
	Bus connection (Ethernet 1)/FE 500 V AC 50 Hz 1 min.
	Bus connection (Ethernet 2)/FE 500 V AC 50 Hz 1 min.
	Bus connection (Ethernet 1)/bus connection (Ethernet 2) 500 V AC 50 Hz 1 min.
	24 V supply (actuator supply)/24 V supply (communications power and sensor supply, IO-Link ports) 500 V AC 50 Hz 1 min.
	24 V supply (actuator supply)/bus connection (Ethernet 1) 500 V AC 50 Hz 1 min.
	24 V supply (actuator supply)/bus connection (Ethernet 2) 500 V AC 50 Hz 1 min.
	24 V supply (actuator supply)/FE 500 V AC 50 Hz 1 min.

Standards and Regulations

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Mechanical tests	Vibration resistance in acc. with EN 60068-2-6/IEC 60068-2-6 5g
	Shock in acc. with EN 60068-2-27/IEC 60068-2-27 30g, 11 ms period, half-sine shock pulse
	Continuous shock according to EN 60068-2-27/IEC 60068-2-27 10g
Protection class	III, IEC 61140, EN 61140, VDE 0140-1

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Drawings

Connection diagram
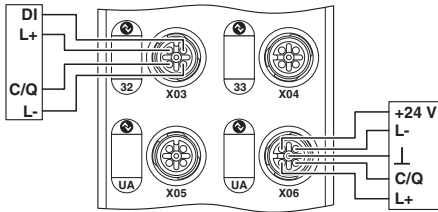
Dimensional drawing
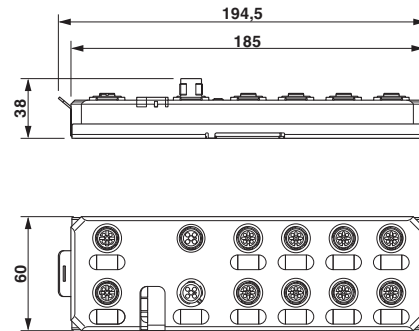
Connection diagram
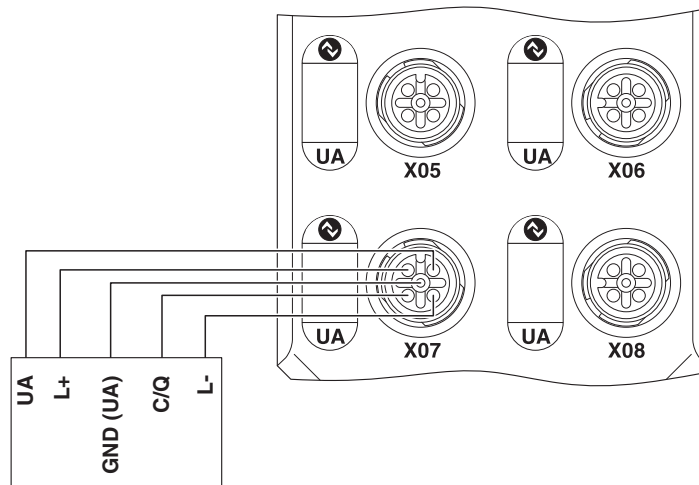
Classifications

eCl@ss

eCl@ss 4.0	27240404
eCl@ss 4.1	27240404
eCl@ss 5.0	27242204
eCl@ss 5.1	27242604
eCl@ss 6.0	27242604
eCl@ss 7.0	27242604
eCl@ss 8.0	27242604
eCl@ss 9.0	27242604

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Classifications

ETIM

ETIM 2.0	EC001433
ETIM 3.0	EC001599
ETIM 4.0	EC001599
ETIM 5.0	EC001599

UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	39121311
UNSPSC 12.01	39121311
UNSPSC 13.2	39121311

Approvals

Approvals

Approvals

UL Listed / cUL Listed / PROFINET / cULus Listed

Ex Approvals

UL Listed / cUL Listed / cULus Listed

Approval details

UL Listed http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm FILE E 140324

cUL Listed http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm FILE E 140324

PROFINET   Z10677

cULus Listed

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Accessories

Accessories

Assembly element

Mounting plate - AXL E MP 60 - 2701761

Mounting plate for Axioline E metal devices

Circular connector (cable-side)

Bus system connector - SACC-M12MSD-4CON-PG 9-SH - 1521261

Bus system connector, Ethernet/PROFINET CAT5 (100 Mbps), 4-position, shielded, Plug straight M12, D-coded, Screw connection, Knurl material: Zinc die-cast, nickel-plated, Cable gland Pg9, External cable diameter 6 mm ... 8 mm

Data cable preassembled

Network cable - NBC-MSD SCO-PN/.../... - 1408640

Network cable, PROFINET CAT5 (100 Mbps), 4-position, Variable cable type, shielded, Plug straight M12 SPEEDCON / IP67, Coding: D, on free cable end, Cable length: Free input (0.2 ... 40.0 m)

Network cable - NBC-MSD-FSD SCO-PN/.../... - 1408617

Network cable, PROFINET CAT5 (100 Mbps), 4-position, Variable cable type, shielded, Plug straight M12 SPEEDCON / IP67, Coding: D, on Socket straight M12 SPEEDCON / IP67, Coding: D, Cable length: Free input (0.2 ... 40.0 m)

Distributed I/O device - AXL E PN IOL8 DI4 M12 6M - 2701519

Accessories

Network cable - NBC-MSD-MSD SCO-PN/.../... - 1408634

Network cable, PROFINET CAT5 (100 Mbps), 4-position, Variable cable type, shielded, Plug straight M12 SPEEDCON / IP67, Coding: D, on Plug straight M12 SPEEDCON / IP67, Coding: D, Cable length: Free input (0.2 ... 40.0 m)

Network cable - NBC-MSD-R4AC SCO-PN/.../... - 1408639

Network cable, PROFINET CAT5 (100 Mbps), 4-position, Variable cable type, shielded, Plug straight M12 SPEEDCON / IP67, Coding: D, on Plug straight RJ45 / IP20, Cable length: Free input (0.2 ... 40.0 m)

Device marking

Snap-in markers - UCT-EM (7X10) - 0830765

Snap-in markers, Sheet, white, unlabeled, can be labeled with: THERMOMARK CARD, BLUEMARK CLED, BLUEMARK LED, TOPMARK LASER, Mounting type: snapped into marker carrier, Lettering field: 7 x 10 mm

Interface converter

Distributed I/O device - AXL E IOL AI1 U M12 R - 2700273

Axioline E-IO-Link/analog converter for connecting an analog sensor, 0 V ... 10 V, M12 fast connection technology, angled version

Distributed I/O device - AXL E IOL AI1 I M12 R - 2700275

Axioline E-IO-Link/analog converter for connecting an analog sensor, 4 mA ... 20 mA, M12 fast connection technology, angled version

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Accessories

Distributed I/O device - AXL E IOL AO1 U M12 R - 2700278

Axioline E-IO-Link/analog converter for connecting an analog actuator, 0 V ... 10 V, M12 fast connection technology, angled version

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Distributed I/O device - AXL E IOL AO1 I M12 R - 2700282

Axioline E-IO-Link/analog converter for connecting an analog actuator, 4 mA ... 20 mA, M12 fast connection technology, angled version

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Distributed I/O device - AXL E IOL RTD1 M12 R - 2700305

Axioline E-IO-Link/analog converter for connecting a temperature measurement resistor, M12 fast connection technology, angled version

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Distributed I/O device - AXL E IOL AI1 U M12 S - 2700336

Axioline E-IO-Link/analog converter for connecting an analog sensor, 0 V ... 10 V, M12 fast connection technology, straight version

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Distributed I/O device - AXL E IOL AI1 I M12 S - 2700338

Axioline E-IO-Link/analog converter for connecting an analog sensor, 4 mA ... 20 mA, M12 fast connection technology, straight version

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Distributed I/O device - AXL E PN IOL8 DI4 M12 6M - 2701519

Accessories

Distributed I/O device - AXL E IOL AO1 U M12 S - 2700350

Axioline E IO-Link/analog converter for connecting an analog actuator, 0 V ... 10 V, M12 fast connection technology, straight version

Distributed I/O device - AXL E IOL AO1 I M12 S - 2700351

Axioline E-IO-Link/analog converter for connecting an analog actuator, 4 mA ... 20 mA, M12 fast connection technology, straight version

Distributed I/O device - AXL E IOL RTD1 M12 S - 2700352

Axioline E-IO-Link/analog converter for connecting a temperature measurement resistor, M12 fast connection technology, straight version

Power cable

Power cable - SAC-4P-FRT/ 1,5-PUR SH SCO - 1424116

Power cable, 4-position, PUR halogen-free, black RAL 9005, shielded, free cable end, on Socket angled M12 SPEEDCON, T-coded, Cable length: 1.5 m, for direct current up to 12 A/60 V

Power cable - SAC-4P-MST/ 1,5-PUR SH SCO - 1424120

Power cable, 4-position, PUR halogen-free, black RAL 9005, shielded, Plug straight M12 SPEEDCON, T-coded, on free cable end, Cable length: 1.5 m, for direct current up to 12 A/60 V

Distributed I/O device - AXL E PN IOL8 DI4 M12 6M - 2701519

Accessories

Power cable - SAC-4P-MST/ 1,0-PUR SCO - 1408812

Power cable, 4-position, PUR halogen-free, black-gray RAL 7021, Plug straight M12 SPEEDCON, T-coded, on free cable end, Cable length: 1 m, for direct current up to 12 A/60 V

Power cable - SAC-4P-MST/ 2,0-PUR SCO - 1408813

Power cable, 4-position, PUR halogen-free, black-gray RAL 7021, Plug straight M12 SPEEDCON, T-coded, on free cable end, Cable length: 2 m, for direct current up to 12 A/60 V

Power cable - SAC-4P-MST/ 5,0-PUR SCO - 1408814

Power cable, 4-position, PUR halogen-free, black-gray RAL 7021, Plug straight M12 SPEEDCON, T-coded, on free cable end, Cable length: 5 m, for direct current up to 12 A/60 V

Power cable - SAC-4P-MST/10,0-PUR SCO - 1408815

Power cable, 4-position, PUR halogen-free, black-gray RAL 7021, Plug straight M12 SPEEDCON, T-coded, on free cable end, Cable length: 10 m, for direct current up to 12 A/60 V

Power cable - SAC-4P-MRT/ 1,0-PUR SCO - 1408816

Power cable, 4-position, PUR halogen-free, black-gray RAL 7021, Plug angled M12 SPEEDCON, T-coded, on free cable end, Cable length: 1 m, for direct current up to 12 A/60 V

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Accessories

Power cable - SAC-4P-MRT/ 2,0-PUR SCO - 1408819

Power cable, 4-position, PUR halogen-free, black-gray RAL 7021, Plug angled M12 SPEEDCON, T-coded, on free cable end, Cable length: 2 m, for direct current up to 12 A/60 V

Power cable - SAC-4P-MRT/ 5,0-PUR SCO - 1408820

Power cable, 4-position, PUR halogen-free, black-gray RAL 7021, Plug angled M12 SPEEDCON, T-coded, on free cable end, Cable length: 5 m, for direct current up to 12 A/60 V

Power cable - SAC-4P-MRT/10,0-PUR SCO - 1408822

Power cable, 4-position, PUR halogen-free, black-gray RAL 7021, Plug angled M12 SPEEDCON, T-coded, on free cable end, Cable length: 10 m, for direct current up to 12 A/60 V

Power cable - SAC-4P- 1,0-PUR/FST SCO - 1408823

Power cable, 4-position, PUR halogen-free, black-gray RAL 7021, free cable end, on Socket straight M12 SPEEDCON, T-coded, Cable length: 1 m, for direct current up to 12 A/60 V

Power cable - SAC-4P- 2,0-PUR/FST SCO - 1408824

Power cable, 4-position, PUR halogen-free, black-gray RAL 7021, free cable end, on Socket straight M12 SPEEDCON, T-coded, Cable length: 2 m, for direct current up to 12 A/60 V

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Power cable - SAC-4P- 5,0-PUR/FST SCO - 1408825

Power cable, 4-position, PUR halogen-free, black-gray RAL 7021, free cable end, on Socket straight M12 SPEEDCON, T-coded, Cable length: 5 m, for direct current up to 12 A/60 V

Power cable - SAC-4P-10,0-PUR/FST SCO - 1408826

Power cable, 4-position, PUR halogen-free, black-gray RAL 7021, free cable end, on Socket straight M12 SPEEDCON, T-coded, Cable length: 10 m, for direct current up to 12 A/60 V

Power cable - SAC-4P- 1,0-PUR/FRT SCO - 1408827

Power cable, 4-position, PUR halogen-free, black-gray RAL 7021, free cable end, on Socket angled M12 SPEEDCON, T-coded, Cable length: 1 m, for direct current up to 12 A/60 V

Power cable - SAC-4P- 2,0-PUR/FRT SCO - 1408828

Power cable, 4-position, PUR halogen-free, black-gray RAL 7021, free cable end, on Socket angled M12 SPEEDCON, T-coded, Cable length: 2 m, for direct current up to 12 A/60 V

Power cable - SAC-4P- 5,0-PUR/FRT SCO - 1408829

Power cable, 4-position, PUR halogen-free, black-gray RAL 7021, free cable end, on Socket angled M12 SPEEDCON, T-coded, Cable length: 5 m, for direct current up to 12 A/60 V

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Accessories

Power cable - SAC-4P-10,0-PUR/FRT SCO - 1408830

Power cable, 4-position, PUR halogen-free, black-gray RAL 7021, free cable end, on Socket angled M12 SPEEDCON, T-coded, Cable length: 10 m, for direct current up to 12 A/60 V

Power cable - SAC-4P-MST/ 0,3-PUR/FST SCO - 1408806

Power cable, 4-position, PUR halogen-free, black-gray RAL 7021, Plug straight M12 SPEEDCON, T-coded, on Socket straight M12 SPEEDCON, T-coded, Cable length: 0.3 m, for direct current up to 12 A/60 V

Power cable - SAC-4P-MST/ 0,6-PUR/FST SCO - 1408807

Power cable, 4-position, PUR halogen-free, black-gray RAL 7021, Plug straight M12 SPEEDCON, T-coded, on Socket straight M12 SPEEDCON, T-coded, Cable length: 0.6 m, for direct current up to 12 A/60 V

Power cable - SAC-4P-MST/ 1,0-PUR/FST SCO - 1408808

Power cable, 4-position, PUR halogen-free, black-gray RAL 7021, Plug straight M12 SPEEDCON, T-coded, on Socket straight M12 SPEEDCON, T-coded, Cable length: 1 m, for direct current up to 12 A/60 V

Power cable - SAC-4P-MST/ 2,0-PUR/FST SCO - 1408809

Power cable, 4-position, PUR halogen-free, black-gray RAL 7021, Plug straight M12 SPEEDCON, T-coded, on Socket straight M12 SPEEDCON, T-coded, Cable length: 2 m, for direct current up to 12 A/60 V

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Accessories

Power cable - SAC-4P-MST/ 5,0-PUR/FST SCO - 1408810

Power cable, 4-position, PUR halogen-free, black-gray RAL 7021, Plug straight M12 SPEEDCON, T-coded, on Socket straight M12 SPEEDCON, T-coded, Cable length: 5 m, for direct current up to 12 A/60 V

Power cable - SAC-4P-MST/10,0-PUR/FST SCO - 1408811

Power cable, 4-position, PUR halogen-free, black-gray RAL 7021, Plug straight M12 SPEEDCON, T-coded, on Socket straight M12 SPEEDCON, T-coded, Cable length: 10 m, for direct current up to 12 A/60 V

Protective cap

Screw plug - PROT-M12 - 1680539

An M12 screw plug for the unoccupied M12 sockets of the sensor/actuator cable, boxes and flush-type connectors

Sensor/actuator cable

Sensor/Actuator cable - SAC-3P-MS SCO/.../... - 1523515

Sensor/Actuator cable, 3-position, Variable cable type, Plug straight M12 SPEEDCON, A-coded, on free cable end, Cable length: Free input (0.2 ... 40.0 m)

Sensor/Actuator cable - SAC-3P-MR SCO/.../... - 1523531

Sensor/Actuator cable, 3-position, Variable cable type, Plug angled M12 SPEEDCON, A-coded, on free cable end, Cable length: Free input (0.2 ... 40.0 m)

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Accessories

Sensor/Actuator cable - SAC-3P-MS-FS SCO/.../... - 1523544

Sensor/Actuator cable, 3-position, Variable cable type, Plug straight M12 SPEEDCON, A-coded, on Socket straight M12 SPEEDCON, A-coded, Cable length: Free input (0.2 ... 40.0 m)

Sensor/Actuator cable - SAC-3P-MR-FS SCO/.../... - 1523557

Sensor/Actuator cable, 3-position, Variable cable type, Plug angled M12 SPEEDCON, A-coded, on Socket straight M12 SPEEDCON, A-coded, Cable length: Free input (0.2 ... 40.0 m)

Sensor/Actuator cable - SAC-3P-MR-FR SCO/.../... - 1542020

Sensor/Actuator cable, 3-position, Variable cable type, Plug angled M12 SPEEDCON, A-coded, on Socket angled M12 SPEEDCON, A-coded, Cable length: Free input (0.2 ... 40.0 m)

Sensor/Actuator cable - SAC-4P-MS SCO/.../... - 1523560

Sensor/Actuator cable, 4-position, Variable cable type, Plug straight M12 SPEEDCON, A-coded, on free cable end, Cable length: Free input (0.2 ... 40.0 m)

Sensor/Actuator cable - SAC-4P-MR SCO/.../... - 1523573

Sensor/Actuator cable, 4-position, Variable cable type, Plug angled M12 SPEEDCON, A-coded, on free cable end, Cable length: Free input (0.2 ... 40.0 m)

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Accessories

Sensor/Actuator cable - SAC-4P-MS-FS SCO/.../... - 1523586

Sensor/Actuator cable, 4-position, Variable cable type, Plug straight M12 SPEEDCON, A-coded, on Socket straight M12 SPEEDCON, A-coded, Cable length: Free input (0.2 ... 40.0 m)

Sensor/Actuator cable - SAC-4P-MR-FS SCO/.../... - 1523599

Sensor/Actuator cable, 4-position, Variable cable type, Plug angled M12 SPEEDCON, A-coded, on Socket straight M12 SPEEDCON, A-coded, Cable length: Free input (0.2 ... 40.0 m)

Sensor/Actuator cable - SAC-4P-MR-FR SCO/.../... - 1537828

Sensor/Actuator cable, 4-position, Variable cable type, Plug angled M12 SPEEDCON, A-coded, on Socket angled M12 SPEEDCON, A-coded, Cable length: Free input (0.2 ... 40.0 m)

Sensor/Actuator cable - SAC-5P-MS SCO/.../... - 1523609

Sensor/Actuator cable, 5-position, Variable cable type, Plug straight M12 SPEEDCON, A-coded, on free cable end, Cable length: Free input (0.2 ... 40.0 m)

Sensor/Actuator cable - SAC-5P-MR SCO/.../... - 1523612

Sensor/Actuator cable, 5-position, Variable cable type, Plug angled M12 SPEEDCON, A-coded, on free cable end, Cable length: Free input (0.2 ... 40.0 m)

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Sensor/Actuator cable - SAC-5P-MS-FS SCO/.../... - 1523625

Sensor/Actuator cable, 5-position, Variable cable type, Plug straight M12 SPEEDCON, A-coded, on Socket straight M12 SPEEDCON, A-coded, Cable length: Free input (0.2 ... 40.0 m)

Sensor/Actuator cable - SAC-5P-MR-FS SCO/.../... - 1523638

Sensor/Actuator cable, 5-position, Variable cable type, Plug angled M12 SPEEDCON, A-coded, on Socket straight M12 SPEEDCON, A-coded, Cable length: Free input (0.2 ... 40.0 m)

Sensor/Actuator cable - SAC-5P-MR-FR SCO/.../... - 1542389

Sensor/Actuator cable, 5-position, Variable cable type, Plug angled M12 SPEEDCON, A-coded, on Socket angled M12 SPEEDCON, A-coded, Cable length: Free input (0.2 ... 40.0 m)

Y-distributor

Y distributor - SAC-3P-Y/2XM 8FS SCO - 1523984

Y distributor, 4-position, Plug straight M12 SPEEDCON, A-coded, on Socket straight M8, A-coded and Socket straight M8, A-coded

Y distributor - SAC-3P-Y/2XFS PE SCO - 1523971

Y distributor, 4-position, Plug straight M12 SPEEDCON, A-coded, on Socket straight M12 SPEEDCON, A-coded and Socket straight M12 SPEEDCON, A-coded

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Accessories

Y distributor - SAC-3P-Y/2XFS B PE SCO - 1523968

Y distributor, 4-position, Plug straight M12 SPEEDCON, A-coded, on Socket straight M12 SPEEDCON, A-coded, PIN 2+4 bridged and Socket straight M12 SPEEDCON, A-coded, PIN 2+4 bridged

Y distributor - SAC-5P-Y/2XFS VP SCO - 1546068

Y distributor, 5-position, Plug straight M12 SPEEDCON, A-coded, on Socket straight M12 SPEEDCON, A-coded and Socket straight M12 SPEEDCON, A-coded, Parallel distributor