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Sensor/actuator cable - SAC-4P-MS/ 2,0-28R SCO RAIL

1407311

https://www.phoenixcontact.com/gb/products/1407311

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Sensor/actuator cable, 4-position, PE-X halogen-free, black RAL 9005, shielded, Plug straight M12 SPEEDCON, coding: A, on free cable end, cable length: 2 m, For railway applications

Your advantages

- Easy and safe: 100% electrically tested plug-in components
- Securely locked by special vibration brake
- Resistant to temperature influences – tested for an extended temperature range and for resistance to temperature shocks
- Reliable signal transmission – 360° shielding in environments with electromagnetic interference

Commercial Data

Item number	1407311
Packing unit	1 pc
Minimum order quantity	1 pc
Sales Key	BF1CCA
Product Key	BF1CCA
Catalog Page	Page 131 (C-4-2013)
GTIN	4046356774277
Weight per Piece (including packing)	127.6 g
Weight per Piece (excluding packing)	127.6 g
Customs tariff number	85444290
Country of origin	PL

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Technical Data

Notes

General	Further products with variable cable type and variable cable length can be found in the accessories section

Product properties

Product type	Sensor/actuator cable
Number of positions	4
Application	Railway applications
No. of cable outlets	1
Shielded	yes
Coding	A - standard

Insulation characteristics

Overvoltage category	II
Degree of pollution	3

Material specifications

Color Handle area	black
Flammability rating according to UL 94	V0
Material of grip body	PA 6.6
Contact material	CuSn
Contact surface material	Ni/Au
Contact carrier material	PA 6.6
Cable gland material	Zinc die-cast, nickel-plated
Standards/regulations	PA 6.6: Fire protection in rail vehicles - requirement sets R22, R23, and R24 acc. to DIN EN 45545-2 (Risk level HL1 - HL3)

Electrical properties

Contact resistance	≤ 5 mΩ
Insulation resistance	≥ 100 MΩ
Nominal voltage U_N	48 V AC
	60 V DC
Nominal current I_N	4 A
Protective circuit	unwired

Connection data

Conductor connection

Tightening torque	0.4 NmM12 connector

Connector

Insertion/withdrawal cycles	≥ 100

Connection 1

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Head design	Plug
Head cable outlet	straight
Head thread type	M12
Head locking type	SPEEDCON
Coding	A

Head 2

Head design	free cable end

LED signaling

Status display	No
Status display present	No

Cable / line

Cable length	2 m
Cable weight	56 kg/km
Number of positions	4
Shielded	yes
Cable type	Shielded black RADOX® [28R]
Conductor structure signal line	19x 0.18 mm
AWG signal line	20
Conductor cross section	4x 0.5 mm²
Wire diameter incl. insulation	1.43 mm
External cable diameter	5.4 mm ±0.3 mm
Outer sheath, material	PE-X
External sheath, color	black RAL 9005
Conductor material	Tin-plated Cu litz wires
Material wire insulation	PE-X
Single wire, color	White 1, white 2, white 3, white 4
Overall twist	4 wires, twisted
Optical shield covering	85 %
Max. conductor resistance	≤ 40.1 Ω/km
Nominal voltage, cable	600 V AC (Core-ground, U_0)
	1000 V AC (Core-ground, U)
	≤ 720 V AC (core-ground)
	≤ 1200 V AC (Core-ground, U_m)
	≤ 900 V DC (Core-ground, V_0)
	≤ 1500 V DC (core-core)
Test voltage	3500 V AC (50 Hz, 5 min.)
	8400 V DC (50 Hz, 5 min.)
Minimum bending radius, fixed installation	3 x D
Minimum bending radius, flexible installation	4 x D
Halogen-free	According to EN 50267-2-1
Flame resistance	EN 60332-1-2
	EN 50266

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	EN 50305, 9.1.2
	NF C32-070, 2.1
	NF C32-070, 2.2
	UL 1685, 12 (FT4)
	in accordance with ISO 6722-1 5.22 (UN ECE-R 118.01)
Resistance to oil	according to IRM 902, 72 h at 100 °C
Fire protection in rail vehicles	BS 6853 (Category Ia, Ib, II)
	GM/RT 2130 (Category Ia, Ib, II)
	EN 45545 (Risk level HL1 - HL3)
	DIN 5510 (Fire protection level 1, 2, 3, 4)
	NF F16-101 (Category A1, A2, B)
	NF F16-101 (Class C/F0)
	NFPA 130
	UNI CEI 11170 (Risk level LR1 - LR4)
Other resistance	Resistance to fuels according to IRM 903, 168 h at 70 °C
Ambient temperature (operation)	-50 °C ... 120 °C (cable, fixed installation)
	-25 °C ... 90 °C (Cable, flexible installation)

Cable structure

Cable type	Shielded black RADOX®
Outer sheath, material	PE-X
External sheath, color	black

Ambient conditions

Degree of protection	IP65
Ambient temperature (operation)	-40 °C ... 85 °C (Plug / socket)

Standards and regulations

Testing

Standards/regulations	PA 6.6: Fire protection in rail vehicles - requirement sets R22, R23, and R24 acc. to DIN EN 45545-2 (Risk level HL1 - HL3)

M12

Standards/specifications	IEC 61076-2-101

M12

Standards/specifications	EN 50155

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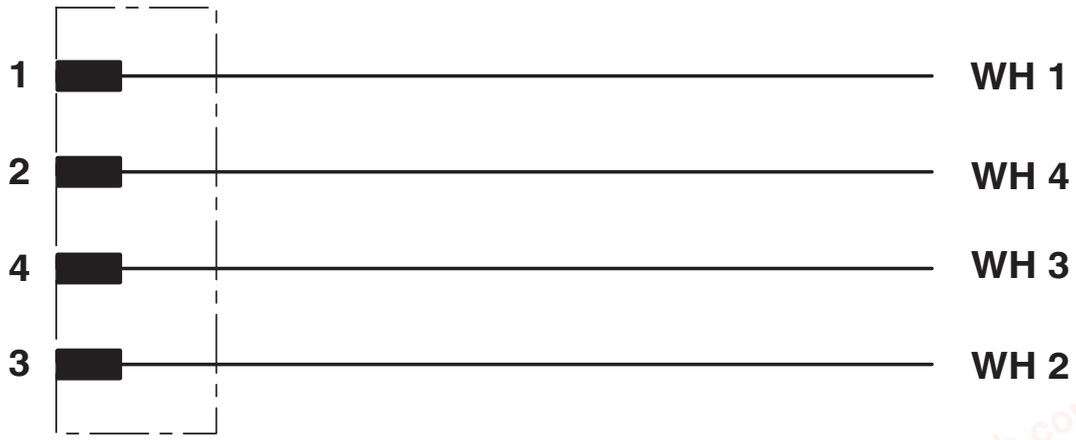
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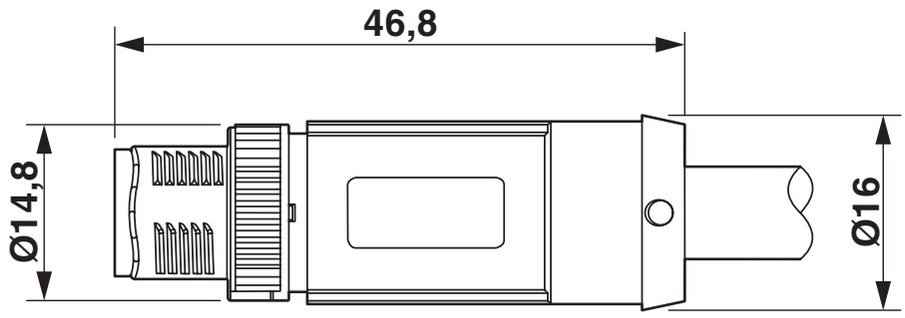
Drawings

Circuit diagram



Contact assignment of the M12 plug

Dimensional drawing



M12 SPEEDCON plug, straight, shielded

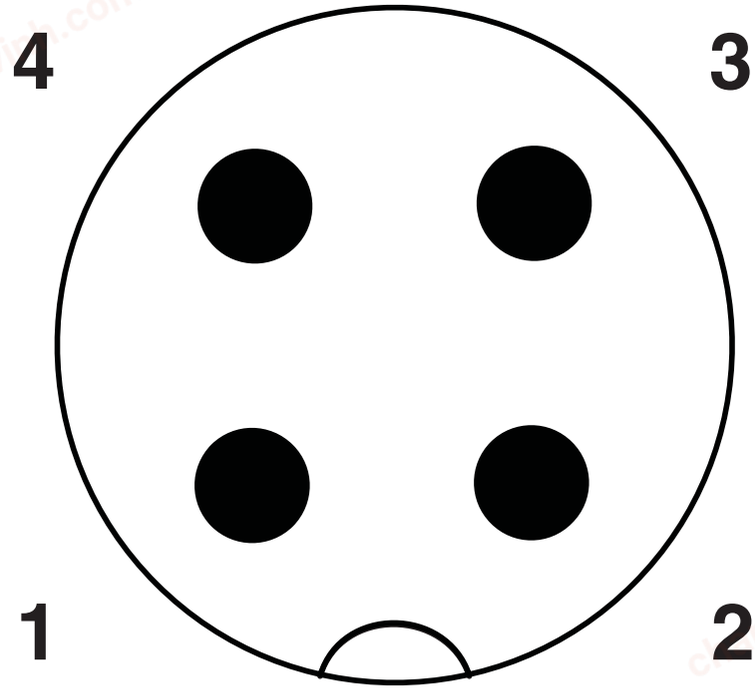
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Schematic diagram



Pin assignment M12 plug, 4-pos., A-coded, view plug side

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Approvals

EAC
Approval ID: RU C-DE.BL08.B.00286

EAC
Approval ID: RU D-DE.HB35.B.00387

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Classifications

ECLASS

ECLASS-9.0	27060311
ECLASS-10.0.1	27060311
ECLASS-11.0	27060311

ETIM

ETIM 8.0	EC001855

UNSPSC

UNSPSC 21.0	26121600

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Environmental Product Compliance

REACh SVHC	Dechlorane Plus

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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Accessories

Sensor/actuator cable

Sensor/actuator cable - SAC-4P-MS SCO RAIL/.../... - 1412169

https://www.phoenixcontact.com/gb/products/1412169



Sensor/actuator cable, 4-position, Variable cable type, shielded, Plug straight M12 SPEEDCON, coding: A, on free cable end, cable length: Free input (0.2 ... 40.0 m), For railway applications

Sensor/actuator cable

Sensor/actuator cable - SAC-4P-FS SCO RAIL/.../... - 1412167

https://www.phoenixcontact.com/gb/products/1412167



Sensor/actuator cable, 4-position, Variable cable type, shielded, free cable end, on Socket straight M12 SPEEDCON, coding: A, cable length: Free input (0.2 ... 40.0 m), For railway applications

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Sensor/actuator cable - SAC-4P-MS/ 2,0-28R SCO RAIL

1407311

https://www.phoenixcontact.com/gb/products/1407311

Sensor/actuator cable

Sensor/actuator cable - SAC-4P-FR SCO RAIL/.../... - 1412168

https://www.phoenixcontact.com/gb/products/1412168



Sensor/actuator cable, 4-position, Variable cable type, shielded, free cable end, on Socket angled M12 SPEEDCON, coding: A, cable length: Free input (0.2 ... 40.0 m), For railway applications

Sensor/actuator cable

Sensor/actuator cable - SAC-4P-MS-FS SCO RAIL/.../... - 1412171

https://www.phoenixcontact.com/gb/products/1412171



Sensor/actuator cable, 4-position, Variable cable type, shielded, Plug straight M12 SPEEDCON, coding: A, on Socket straight M12 SPEEDCON, coding: A, cable length: Free input (0.2 ... 40.0 m), For railway applications

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Sensor/actuator cable - SAC-4P-MS/ 2,0-28R SCO RAIL

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Torque screwdriver

Torque screwdriver - TSD 04 SAC - 1208429

https://www.phoenixcontact.com/gb/products/1208429



Torque screwdriver, with preset torque of 0.4 Nm and 4 mm hexagonal drive for M12 connectors

Torque screwdriver

Torque screwdriver - TSD-M 1,2NM - 1212224

https://www.phoenixcontact.com/gb/products/1212224



Torque screw driver, accuracy as per EN ISO 6789 standard, adjustable from 0.3 - 1.2 Nm

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Sensor/actuator cable - SAC-4P-MS/ 2,0-28R SCO RAIL

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Adapter insert

Adapter insert - TSD-M SAC-BIT ADAPTER - 1212600

https://www.phoenixcontact.com/gb/products/1212600



Adapter bit for TSD-M...torque tools, E6.3-1/4" drive with 4 mm hexagon to accommodate SAC bits

Tool

Tool - SAC BIT M12-D15 - 1208432

https://www.phoenixcontact.com/gb/products/1208432



Nut for assembling sensor/actuator cables with M12 connector and M12 connectors for assembly, with a knurl diameter of 15 mm, for 4 mm hexagonal drive

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Sealing cap

Sealing cap - PROT-M12 FS-PA-CHAIN - 1430873

https://www.phoenixcontact.com/gb/products/1430873

M12 sealing cap made of plastic with fixing band, for sensor cables, for free M12 plugs



Locking clip

Locking clip - SAC-M12-EXCLIP-M - 1558988

https://www.phoenixcontact.com/gb/products/1558988

Locking clip for the pin side of sensor/actuator cables with M12 connector and M12 connectors for assembly, for knurl diameter: 15 mm or for Allen key with a wrench size of 14 mm, prevents the disconnection of plug-in connections without tools



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Marker pen

Marker pen - B-STIFT - 1051993

https://www.phoenixcontact.com/gb/products/1051993



Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm

Conductor marker carrier

Conductor marker carrier - PATG HF 3/18 - 1014059

https://www.phoenixcontact.com/gb/products/1014059



Conductor marker carrier, transparent/black, unlabeled, mounting type: slide-on, cable diameter range: 4 ... 7 mm, lettering field size: 18 x 4 mm

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Sensor/actuator cable - SAC-4P-MS/ 2,0-28R SCO RAIL

1407311

https://www.phoenixcontact.com/gb/products/1407311

Conductor marker carrier

Conductor marker carrier - PATG HF 3/23 - 1014060

https://www.phoenixcontact.com/gb/products/1014060



Conductor marker carrier, transparent/black, unlabeled, mounting type: slide-on, cable diameter range: 4 ... 7 mm, lettering field size: 23 x 4 mm

Conductor marker carrier

Conductor marker carrier - PATG HF 3/30 - 1014061

https://www.phoenixcontact.com/gb/products/1014061



Conductor marker carrier, transparent/black, unlabeled, mounting type: slide-on, cable diameter range: 4 ... 7 mm, lettering field size: 30 x 4 mm

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Sensor/actuator cable - SAC-4P-MS/ 2,0-28R SCO RAIL

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Conductor marker carrier

Conductor marker carrier - PATG HF 4/18 - 1014065

https://www.phoenixcontact.com/gb/products/1014065



Conductor marker carrier, transparent/black, unlabeled, mounting type: slide-on, cable diameter range: 5 ... 10 mm, lettering field size: 18 x 4 mm

Conductor marker carrier

Conductor marker carrier - PATG HF 4/23 - 1014066

https://www.phoenixcontact.com/gb/products/1014066



Conductor marker carrier, transparent/black, unlabeled, mounting type: slide-on, cable diameter range: 5 ... 10 mm, lettering field size: 23 x 4 mm

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Sensor/actuator cable - SAC-4P-MS/ 2,0-28R SCO RAIL

1407311

https://www.phoenixcontact.com/gb/products/1407311

Conductor marker carrier

Conductor marker carrier - PATG HF 4/30 - 1014067

https://www.phoenixcontact.com/gb/products/1014067



Conductor marker carrier, transparent/black, unlabeled, mounting type: slide-on, cable diameter range: 5 ... 10 mm, lettering field size: 30 x 4 mm

Cable marker carrier

Cable marker carrier - KMK HP (25X6) - 0830720

https://www.phoenixcontact.com/gb/products/0830720



Cable marker carrier, transparent, unlabeled, mounting type: Assembly with cable ties, cable diameter: ≥ 6 mm, lettering field size: 25 mm x 6 mm

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Sensor/actuator cable - SAC-4P-MS/ 2,0-28R SCO RAIL

1407311

https://www.phoenixcontact.com/gb/products/1407311

Cable marker carrier

Cable marker carrier - KMK HP (29X8) - 0830721

https://www.phoenixcontact.com/gb/products/0830721



Cable marker carrier, transparent, unlabeled, mounting type: Assembly with cable ties, cable diameter: ≥ 6 mm, lettering field size: 29 x 8 mm

Cable marker

Cable marker - WMTB HF (40X12)R YE - 0830408

https://www.phoenixcontact.com/gb/products/0830408



Cable marker, Roll, yellow, unlabeled, can be labeled with: THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, THERMOMARK ROLL X1, THERMOMARK ROLL 2.0, THERMOMARK ROLL, mounting type: Assembly with cable ties, cable diameter: ≥ 6 mm, lettering field size: 40 x 12 mm, Number of individual labels: 1000

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Sensor/actuator cable - SAC-4P-MS/ 2,0-28R SCO RAIL

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Cable marker

Cable marker - WMTB HF (55X15)R YE - 0830410

https://www.phoenixcontact.com/gb/products/0830410



Cable marker, Roll, yellow, unlabeled, can be labeled with: THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, THERMOMARK ROLL X1, THERMOMARK ROLL 2.0, THERMOMARK ROLL, mounting type: Assembly with cable ties, cable diameter: ≥ 6 mm, lettering field size: 55 x 15 mm, Number of individual labels: 1000

Cable marker

Cable marker - WMTB HF (55X25)R YE - 0830412

https://www.phoenixcontact.com/gb/products/0830412



Cable marker, Roll, yellow, unlabeled, can be labeled with: THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, THERMOMARK ROLL X1, THERMOMARK ROLL 2.0, THERMOMARK ROLL, mounting type: Assembly with cable ties, cable diameter: ≥ 6 mm, lettering field size: 55 x 25 mm, Number of individual labels: 500

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Shrink sleeve

Shrink sleeve - WMS-2 HF 6,4 (60X10)RL YE - 0801025

https://www.phoenixcontact.com/gb/products/0801025



Shrink sleeve, Roll, yellow, can be labeled with: THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, THERMOMARK ROLL X1, THERMOMARK ROLL 2.0, THERMOMARK ROLL: without print, Cut, mounting type: slide-on, cable diameter range: 3.2 ... 6.4 mm, lettering field size: 60 x 10 mm, Number of individual labels: 1000

Shrink sleeve

Shrink sleeve - WMS-2 HF 6,4 (EX10)RL YE - 0833244

https://www.phoenixcontact.com/gb/products/0833244



Shrink sleeve, Roll, yellow, can be labeled with: THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, THERMOMARK ROLL X1, THERMOMARK ROLL 2.0, THERMOMARK ROLL, THERMOMARK W: without print, unperforated, mounting type: slide-on, cable diameter range: 3.2 ... 6.4 mm, lettering field size: 10 x 100000 mm

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Shrink sleeve

Shrink sleeve - WMS-2 HF 9,5 (60X16)RL YE - 0801029

https://www.phoenixcontact.com/gb/products/0801029



Shrink sleeve, Roll, yellow, can be labeled with: THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, THERMOMARK ROLL X1, THERMOMARK ROLL 2.0, THERMOMARK ROLL: without print, Cut, mounting type: slide-on, cable diameter range: 4.8 ... 9.5 mm, lettering field size: 60 x 16 mm, Number of individual labels: 500

Shrink sleeve

Shrink sleeve - WMS-2 HF 9,5 (EX16)RL YE - 0833245

https://www.phoenixcontact.com/gb/products/0833245



Shrink sleeve, Roll, yellow, can be labeled with: THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, THERMOMARK ROLL X1, THERMOMARK ROLL 2.0, THERMOMARK ROLL, THERMOMARK W: without print, unperforated, mounting type: slide-on, cable diameter range: 4.8 ... 9.5 mm, lettering field size: continuous x 16 mm

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Sensor/actuator cable - SAC-4P-MS/ 2,0-28R SCO RAIL

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Wire marking

Wire marking - UCT-WMCO 5,4 (23X8) - 0832105

https://www.phoenixcontact.com/gb/products/0832105



Wire marking, Sheet, white, unlabeled, can be labeled with: TOPMARK NEO, TOPMARK LASER, BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: clip on, cable diameter range: 4.7 ... 5.4 mm, lettering field size: 23 x 8 mm, Number of individual labels: 18

Wire marking

Wire marking - UCT-WMCO 6,1 (23X8) - 0832106

https://www.phoenixcontact.com/gb/products/0832106



Wire marking, Sheet, white, unlabeled, can be labeled with: TOPMARK NEO, TOPMARK LASER, BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: clip on, cable diameter range: 5.4 ... 6.1 mm, lettering field size: 23 x 8 mm, Number of individual labels: 18

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Wire marking

Wire marking - UCT-WMCO 6,8 (23X8) - 0832107

https://www.phoenixcontact.com/gb/products/0832107



Wire marking, Sheet, white, unlabeled, can be labeled with: TOPMARK NEO, TOPMARK LASER, BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: clip on, cable diameter range: 6.1 ... 6.8 mm, lettering field size: 23 x 8 mm, Number of individual labels: 15

Wire marking

Wire marking - UCT-WMCO 7,5 (23X8) - 0832108

https://www.phoenixcontact.com/gb/products/0832108



Wire marking, Sheet, white, unlabeled, can be labeled with: TOPMARK NEO, TOPMARK LASER, BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: clip on, cable diameter range: 6.8 ... 7.5 mm, lettering field size: 23 x 8 mm, Number of individual labels: 15

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Cable marker

Cable marker - WMTB-AL (40X15) - 0830524

https://www.phoenixcontact.com/gb/products/0830524



Cable marker, Aluminum label, aluminum color, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, mounting type: Assembly with cable ties, cable diameter: > 4.6 mm, lettering field size: 40 x 15 mm

Cable marker

Cable marker - WMTB-AL (60X15) - 0830525

https://www.phoenixcontact.com/gb/products/0830525



Cable marker, Aluminum label, aluminum color, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, mounting type: Assembly with cable ties, cable diameter: > 4.6 mm, lettering field size: 60 x 15 mm

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Cable marker

Cable marker - LS-WMTB-AL (40X15) - 0831501

https://www.phoenixcontact.com/gb/products/0831501



Cable marker, Aluminum label, aluminum color, unlabeled, can be labeled with: TOPMARK NEO, TOPMARK LASER, mounting type: Assembly with cable ties, cable diameter: > 4.6 mm, lettering field size: 40 x 15 mm, Number of individual labels: 16

Cable marker

Cable marker - LS-WMTB-AL (40X15) BK - 0831509

https://www.phoenixcontact.com/gb/products/0831509



Cable marker, Aluminum label, black, unlabeled, can be labeled with: TOPMARK NEO, TOPMARK LASER, mounting type: Assembly with cable ties, cable diameter: > 4.6 mm, lettering field size: 40 x 15 mm, Number of individual labels: 16

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Cable marker

Cable marker - LS-WMTB-AL (60X15) - 0831502

https://www.phoenixcontact.com/gb/products/0831502



Cable marker, Aluminum label, aluminum color, unlabeled, can be labeled with: TOPMARK NEO, TOPMARK LASER, mounting type: Assembly with cable ties, cable diameter: > 4.6 mm, lettering field size: 60 x 15 mm, Number of individual labels: 16

Cable marker

Cable marker - LS-WMTB-AL (60X15) BK - 0831510

https://www.phoenixcontact.com/gb/products/0831510



Cable marker, Aluminum label, black, unlabeled, can be labeled with: TOPMARK NEO, TOPMARK LASER, mounting type: Assembly with cable ties, cable diameter: > 4.6 mm, lettering field size: 60 x 15 mm, Number of individual labels: 16

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Cable marker

Cable marker - LS-WMTB-AL (100X15) - 0831503

https://www.phoenixcontact.com/gb/products/0831503



Cable marker, Aluminum label, aluminum color, unlabeled, can be labeled with: TOPMARK NEO, TOPMARK LASER, mounting type: Assembly with cable ties, cable diameter: > 4.6 mm, lettering field size: 100 x 15 mm, Number of individual labels: 8

Cable marker

Cable marker - LS-WMTB-AL (100X15) BK - 0831511

https://www.phoenixcontact.com/gb/products/0831511



Cable marker, Aluminum label, black, unlabeled, can be labeled with: TOPMARK NEO, TOPMARK LASER, mounting type: Assembly with cable ties, cable diameter: > 4.6 mm, lettering field size: 100 x 15 mm, Number of individual labels: 8

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Sensor/actuator cable - SAC-4P-MS/ 2,0-28R SCO RAIL

1407311

https://www.phoenixcontact.com/gb/products/1407311

Cable-cutting tool

Cable-cutting tool - CUTFOX 12 - 1212128

https://www.phoenixcontact.com/gb/products/1212128



Cable cutter, for copper and aluminum up to 12 mm diameter (up to 35 mm^2)

Diagonal cutter

Diagonal cutter - CUTFOX-S VDE - 1212207

https://www.phoenixcontact.com/gb/products/1212207



Diagonal cutter for hard (piano wire) and soft wires, VDE 1000 V AC/1500 V DC tested

chanhvinh.com

Sensor/actuator cable - SAC-4P-MS/ 2,0-28R SCO RAIL

1407311

https://www.phoenixcontact.com/gb/products/1407311

Diagonal cutter

Diagonal cutter - MICROFOX-SP-1 - 1212487

https://www.phoenixcontact.com/gb/products/1212487



Electronic diagonal cutter, tapered head, without chamfer, with opening spring, non-reflective phosphate-treated surface, punched version

Stripping tool

Stripping tool - WIREFOX 4 - 1212156

https://www.phoenixcontact.com/gb/products/1212156



Stripping tool, for cables and conductors (especially for rubber and silicone insulations) from 0.1 - 4 mm^2, self-adjusting, stripping length of up to 18 mm, cutting capacity of up to 10 mm^2 stranded/1.5 mm^2 solid, replaceable stripping blade

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Sensor/actuator cable - SAC-4P-MS/ 2,0-28R SCO RAIL

1407311

https://www.phoenixcontact.com/gb/products/1407311

Stripping tool

Stripping tool - WIREFOX-E 4 - 1212704

https://www.phoenixcontact.com/gb/products/1212704



Stripping tool, for cables and conductors (especially for rubber and silicone insulations) from 0.1 - 4 mm^2, self-adjusting, stripping length of up to 18 mm, cutting capacity of up to 10 mm^2 stranded/1.5 mm^2 solid, replaceable stripping blade

Stripping tool

Stripping tool - WIREFOX 10 - 1212150

https://www.phoenixcontact.com/gb/products/1212150



Stripping tool, for cables and conductors from 0.02 - 10 mm^2, self-adjusting, stripping length of up to 18 mm, cutting capacity of up to 10 mm^2 stranded/1.5 mm^2 solid, replaceable stripping blade

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Sensor/actuator cable - SAC-4P-MS/ 2,0-28R SCO RAIL

1407311

https://www.phoenixcontact.com/gb/products/1407311

Connector

Connector - SACC-M12MS-4QO-0,75 SH - 1413993

https://www.phoenixcontact.com/gb/products/1413993



Connector, Universal, 4-position, halogen-free, shielded, Plug straight M12 SPEEDCON, Coding: A, Insulation displacement connection, knurl material: Zinc die-cast, nickel-plated, external cable diameter 5 mm ... 9.7 mm

Connector

Connector - SACC-M12FS-4QO-0,75 SH - 1413994

https://www.phoenixcontact.com/gb/products/1413994



Connector, Universal, 4-position, halogen-free, shielded, Socket straight M12 SPEEDCON, Coding: A, Insulation displacement connection, knurl material: Zinc die-cast, nickel-plated, external cable diameter 5 mm ... 9.7 mm

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Sensor/actuator cable - SAC-4P-MS/ 2,0-28R SCO RAIL

1407311

https://www.phoenixcontact.com/gb/products/1407311

Connector

Connector - SACC-M12MS-4PL SH - 1424666

https://www.phoenixcontact.com/gb/products/1424666



Connector, Universal, 4-position, shielded, Plug straight M12, Coding: A, Push-lock spring connection, knurl material: Zinc die-cast, nickel-plated, external cable diameter 4 mm ... 8 mm

Connector

Connector - SACC-M12MR-4PL SH - 1424667

https://www.phoenixcontact.com/gb/products/1424667



Connector, Universal, 4-position, shielded, Plug angled M12, Coding: A, Push-lock spring connection, knurl material: Zinc die-cast, nickel-plated, external cable diameter 4 mm ... 8 mm

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Sensor/actuator cable - SAC-4P-MS/ 2,0-28R SCO RAIL

1407311

https://www.phoenixcontact.com/gb/products/1407311

Connector

Connector - SACC-M12FS-4PL SH - 1424668

https://www.phoenixcontact.com/gb/products/1424668



Connector, Universal, 4-position, shielded, Socket straight M12, Coding: A, Push-lock spring connection, knurl material: Zinc die-cast, nickel-plated, external cable diameter 4 mm ... 8 mm

Connector

Connector - SACC-M12FR-4PL SH - 1424669

https://www.phoenixcontact.com/gb/products/1424669



Connector, Universal, 4-position, shielded, Socket angled M12, Coding: A, Push-lock spring connection, knurl material: Zinc die-cast, nickel-plated, external cable diameter 4 mm ... 8 mm

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Sensor/actuator cable - SAC-4P-MS/ 2,0-28R SCO RAIL

1407311

https://www.phoenixcontact.com/gb/products/1407311

Connector

Connector - SACC-M12MS-5CT-CM SH - 1422850

https://www.phoenixcontact.com/gb/products/1422850



Connector, Universal, 5-position, shielded, Plug straight M12, Coding: A, Crimp connection, knurl material: Zinc die-cast, tin-plated, external cable diameter 4.5 mm ... 7.5 mm, without crimp contacts

Connector

Connector - SACC-M12MR-5CT-CM SH - 1422851

https://www.phoenixcontact.com/gb/products/1422851



Connector, Universal, 5-position, shielded, Plug angled M12, Coding: A, Crimp connection, knurl material: Zinc die-cast, tin-plated, external cable diameter 4.5 mm ... 7.5 mm, without crimp contacts

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Sensor/actuator cable - SAC-4P-MS/ 2,0-28R SCO RAIL

1407311

https://www.phoenixcontact.com/gb/products/1407311

Connector

Connector - SACC-M12FS-5CT-CM SH - 1422852

https://www.phoenixcontact.com/gb/products/1422852



Connector, Universal, 5-position, shielded, Socket straight M12, Coding: A, Crimp connection, knurl material: Zinc die-cast, tin-plated, external cable diameter 4.5 mm ... 7.5 mm, without crimp contacts

Connector

Connector - SACC-M12FR-5CT-CM SH - 1422853

https://www.phoenixcontact.com/gb/products/1422853



Connector, Universal, 5-position, shielded, Socket angled M12, Coding: A, Crimp connection, knurl material: Zinc die-cast, tin-plated, external cable diameter 4.5 mm ... 7.5 mm, without crimp contacts

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Sensor/actuator cable - SAC-4P-MS/ 2,0-28R SCO RAIL

1407311

https://www.phoenixcontact.com/gb/products/1407311

Connector

Connector - SACC-PO12MS-5CT-CM SH - 1021815

https://www.phoenixcontact.com/gb/products/1021815



Connector, Universal, 5-position, shielded, Plug straight M12 Push-Pull, Coding: A, Crimp connection, knurl material: PA 6.6, external cable diameter 4.5 mm ... 7.5 mm, without crimp contacts

Connector

Connector - SACC-PO12MR-5CT-CM SH - 1021816

https://www.phoenixcontact.com/gb/products/1021816



Connector, Universal, 5-position, shielded, Plug angled M12 Push-Pull, Coding: A, Crimp connection, knurl material: PA 6.6, external cable diameter 4.5 mm ... 7.5 mm, without crimp contacts

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