

1423652

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Power cable, 4-position halogen-free, shielded (Advanced Shielding Technology), Plug straight M12, coding: S, on Socket straight M12, coding: S, cable length: 4 m, for AC current up to 12 A/690 V

### Your advantages

- Easy and safe: 100% electrically tested plug-in components
- · Protection against incorrect connection using special S-coding
- Shield power reliably 360° shielding to reduce electromagnetic loads
- · Our standard: robust halogen-free PUR cable

#### Commercial data

Item number	1423652	
Packing unit	1 pc	
Minimum order quantity	50 pc	
Note	Made to order (non-returnable)	
Sales key	BF05	
Product key	BF1CCP	
GTIN	4055626353043	
Weight per piece (including packing)	633 g	
Weight per piece (excluding packing)	633 g	
Customs tariff number	85444290	
Country of origin	PL	



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### Technical data

### Product properties

Product type	Power cable
Number of positions	4
Application	Power supply
No. of cable outlets	1
Shielded	yes
Coding	S
Insulation characteristics	
Overvoltage category	III
Degree of pollution	3

#### Material specifications

Flammability rating according to UL 94	V0
Material of grip body	PP
Contact material	CuZn
Contact surface material	Ni/Au
Contact carrier material	PA
Material for screw connection	Zinc die-cast, nickel-plated

### Electrical properties

Contact resistance	≤ 5 mΩ
Insulation resistance	≥ 100 MΩ
Nominal voltage U <sub>N</sub>	690 V AC
Nominal current I <sub>N</sub>	12 A
Protective circuit	unwired

### Mechanical properties

#### Mechanical data

Insertion/withdrawal cycles	> 100

#### Connector

#### Connection 1

Туре	Plug straight M12
Coding type	S (Power)
Connection 2	

S (Power)

### Cable/line

Coding type

Cable length	4 m



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#### PUR halogen-free orange shielded [PUR]

UL AWM Style         20234 / 10492 (80°C/1000 V)           Number of positions         4           Shielded         yes           Cable type         PUR halogen-free orange shielded [PUR]           Conductor cross section         4x 1.5 mm²           Wire diameter incl. insulation         ≤ 2.5 mm           External cable diameter         9.7 mm ±0.3 mm           Outer sheath, material         PUR           External sheath, color         orange RAL 2003           Conductor material         Bare Cu litz wires           Material wire insulation         PP           Single wire, color         black 1, black 2, black 3, green/yellow           Thickness, insulation         0.4 mm           Thickness, insulation         0.4 mm           Overall twist         4 wires optimally twisted           Max. conductor resistance         ≤ 13.3 0/km (at 20 °C)           Insulation resistance         ≥ 10 MG²*km (at 20 °C)           Insulation resistance         ≥ 10 MG²*km (at 20 °C)           Minimum bending radius, fixed installation         5 x D           Minimum bending radius, fixed installation         7.5 x D           Minimum bending radius, fixed installation         7.5 x D           Max. bending cycles         40000000           Torsoin	Dimensional drawing	
Shielded         yes           Cable type         PUR halogen-free orange shielded [PUR]           Conductor cross section         4x 1.5 mm²           Wire diameter incl. insulation         \$2.5 mm           External cable diameter         9.7 mm ±0.3 mm           Outer sheath, material         PUR           External sheath, color         orange RAL 2003           Conductor material         Bare Cu litz wires           Material wire insulation         PP           Single wire, color         black 1, black 2, black 3, green/yellow           Thickness, insulation         0.4 mm           Thickness, outer sheath         1.2 mm           Overall twist         4 wires optimally twisted           Max. conductor resistance         \$13.3 O/km (at 20 °C)           Insulation resistance         \$10 MC*km (at 20 °C)           Insulation resistance         \$200 V AC           Test voltage         4260 V AC (5 min.)           Minimum bending radius, fixed installation         5 x D           Minimum bending radius, fixed installation         7.5 x D           Max. bending cycles         4000000           Torsion force         \$25 °/m           Halogen-free         according to VDE 0282-13 Appendix C           Flame resistance         in	UL AWM Style	20234 / 10492 (80°C/1000 V)
Cable type         PUR halogen-free orange shielded [PUR]           Conductor cross section         4x 1.5 mm²           Wire diameter incl. insulation         ≤ 2.5 mm           External cable diameter         9.7 mm ±0.3 mm           Outer sheath, material         PUR           External sheath, color         orange RAL 2003           Conductor material         Bare Cu litz wires           Material wire insulation         PP           Single wire, color         black 1, black 2, black 3, green/yellow           Thickness, insulation         0.4 mm           Thickness, outer sheath         1.2 mm           Overall twist         4 wires optimally twisted           Max. conductor resistance         ≤ 13.3 Ω/km (at 20 °C)           Insulation resistance         ≥ 10 MΩ*km (at 20 °C)           Nominal voltage, cable         1000 V AC           Test voltage         4260 V AC (5 min.)           Minimum bending radius, fixed installation         5 x D           Minimum bending radius, fixed installation         7.5 x D           Max. bending cycles         4000000           Torsion force         ± 25 °m           Halogen-free         according to VDE 0282-13 Appendix C           Flame resistance         in acc. tol. L. 1581 VW1           Ac	Number of positions	4
Conductor cross section         4x 1.5 mm²           Wire diameter incl. insulation         ≤ 2.5 mm           External cable diameter         9.7 mm ±0.3 mm           Outer sheath, material         PUR           External sheath, color         orange RAL 2003           Conductor material         Bare Cu litz wires           Material wire insulation         PP           Single wire, color         black 1, black 2, black 3, green/yellow           Thickness, insulation         0.4 mm           Thickness, outer sheath         1.2 mm           Overall twist         4 wires optimally twisted           Max. conductor resistance         ≤ 13.3 Ω/km (at 20 °C)           Insulation resistance         ≥ 10 MΩ°km (at 20 °C)           Nominal voltage, cable         1000 V AC           Test voltage         4260 V AC (5 min.)           Minimum bending radius, fixed installation         5 x D           Miximum bending radius, fixed installation         7.5 x D           Max. bending cycles         4000000           Torsion force         ± 25 °/m           Halogen-free         according to VDE 0282-13 Appendix C           Flame resistance         in accordance with EN 60332-1-2           in acc. to UL 1581 VW1         According to DIN EN 60811-2-1	Shielded	yes
Wire diameter incl. insulation         ≤ 2.5 mm           External cable diameter         9.7 mm ±0.3 mm           Outer sheath, material         PUR           External sheath, color         orange RAL 2003           Conductor material         Bare Cu litz wires           Material wire insulation         PP           Single wire, color         black 1, black 2, black 3, green/yellow           Thickness, insulation         0.4 mm           Thickness, outer sheath         1.2 mm           Overall twist         4 wires optimally twisted           Max. conductor resistance         ≤ 13.3 Ω/km (at 20 °C)           Insulation resistance         ≥ 10 MΩ*km (at 20 °C)           Nominal voltage, cable         1000 ∨ AC           Test voltage         4260 ∨ AC (5 min.)           Minimum bending radius, fixed installation         5 x D           Minimum bending radius, flexible installation         7.5 x D           Max. bending cycles         4000000           Torsion force         ± 25 °/m           Halogen-free         according to VDE 0282-13 Appendix C           Flame resistance         in accordance with EN 60332-1-2           in acc. to UL 1581 VW1         According to UN EN 60811-2-1           According to DIN EN 60811-2-1         According to DIN EN 60811-2-1	Cable type	PUR halogen-free orange shielded [PUR]
External cable diameter         9.7 mm ±0.3 mm           Outer sheath, material         PUR           External sheath, color         orange RAL 2003           Conductor material         Bare Cu litz wires           Material wire insulation         PP           Single wire, color         black 1, black 2, black 3, green/yellow           Thickness, insulation         0.4 mm           Thickness, outer sheath         1.2 mm           Overall twist         4 wires optimally twisted           Max. conductor resistance         ≤ 13.3 Ω/km (at 20 °C)           Insulation resistance         ≥ 10 MΩ² km (at 20 °C)           Nominal voltage, cable         1000 V AC           Test voltage         4260 V AC (5 min.)           Minimum bending radius, fixed installation         5 x D           Max. bending cycles         4000000           Torsion force         ± 25 °/m           Halogen-free         according to VDE 0282-13 Appendix C           Flame resistance         in acc. to UL 1581 VW1           According to CSA C 22.2 No. 210-05 FT1           According to CSA C 22.2 No. 210-05 FT1           According to DIN EN 50363-10-2           Other resistance         UV resistant           Other resistance         UV resistant           Ambien	Conductor cross section	4x 1.5 mm²
Outer sheath, color         puR           Conductor material         Bare Cu litz wires           Material wire insulation         PP           Single wire, color         black 1, black 2, black 3, green/yellow           Thickness, insulation         0.4 mm           Thickness, outer sheath         1.2 mm           Overall twist         4 wires optimally twisted           Max. conductor resistance         ≥ 13.3 Ω/km (at 20 °C)           Insulation resistance         ≥ 10 MΩ*km (at 20 °C)           Nominal voltage, cable         1000 V AC           Test voltage         4260 V AC (5 min.)           Minimum bending radius, fixed installation         5 x D           Max. bending cycles         4000000           Torsion force         ± 25 °m           Halogen-free         according to VDE 0282-13 Appendix C           Flame resistance         in acc. to UL 1581 VW1           According to VDE 0282-13 Appendix C         in acc. to UL 1581 VW1           According to VDE 0282-13 Appendix C         in acc. to UL 1581 VW1           According to DIN EN 50363-10-2         UV resistant           Other resistance         UV resistant           Acute the presentation of the propertion of the p	Wire diameter incl. insulation	≤ 2.5 mm
External sheath, color         orange RAL 2003           Conductor material         Bare Cu litz wires           Material wire insulation         PP           Single wire, color         black 1, black 2, black 3, green/yellow           Thickness, insulation         0.4 mm           Thickness, outer sheath         1.2 mm           Overall twist         4 wires optimally twisted           Max. conductor resistance         ≤ 13.3 Ω/km (at 20 °C)           Insulation resistance         ≥ 10 MΩ*km (at 20 °C)           Nominal voltage, cable         1000 ∨ AC           Test voltage         4260 ∨ AC (5 min.)           Minimum bending radius, fixed installation         5 x D           Max. bending cycles         4000000           Torsion force         ± 25 °/m           Halogen-free         according to VDE 0282-13 Appendix C           Flame resistance         in acc. to UL 1581 ∨W1           According to CSA C 22.2 No. 210-05 FT1         in acc. to UL 1581 ∨W1           According to DIN EN 50363-10-2         UV resistant           Low adhesion         Low adhesion	External cable diameter	9.7 mm ±0.3 mm
Conductor material         Bare Cu litz wires           Material wire insulation         PP           Single wire, color         black 1, black 2, black 3, green/yellow           Thickness, insulation         0.4 mm           Thickness, outer sheath         1.2 mm           Overall twist         4 wires optimally twisted           Max. conductor resistance         ≤ 13.3 Ω/km (at 20 °C)           Insulation resistance         ≥ 10 MΩ*km (at 20 °C)           Nominal voltage, cable         1000 V AC           Test voltage         4260 V AC (5 min.)           Minimum bending radius, fixed installation         7.5 x D           Max. bending cycles         4000000           Max. bending cycles         4000000           Torsion force         ± 25 °/m           Halogen-free         according to VDE 0282-13 Appendix C           Flame resistance         in accordance with EN 60332-1-2           In accidence with EN 60332-1-2         in acc. to UL 1581 VW1           According to CSA C 22.2 No. 210-05 FT1         in accordance with DIN EN 60811-2-1           According to DIN EN 50363-10-2         UV resistant           Low adhesion           Ambient temperature (operation)         -40 °C 90 °C (cable, fixed installation)	Outer sheath, material	PUR
Material wire insulation         PP           Single wire, color         black 1, black 2, black 3, green/yellow           Thickness, insulation         0.4 mm           Thickness, outer sheath         1.2 mm           Overall twist         4 wires optimally twisted           Max. conductor resistance         ≤ 13.3 Ω/km (at 20 °C)           Insulation resistance         ≥ 10 MΩ*km (at 20 °C)           Nominal voltage, cable         1000 V AC           Test voltage         4260 V AC (5 min.)           Minimum bending radius, fixed installation         5 x D           Max. bending cycles         4000000           Torsion force         ± 25 °/m           Halogen-free         according to VDE 0282-13 Appendix C           Flame resistance         in accordance with EN 60332-1-2           in acc. to UL 1581 VW1         According to CSA C 22.2 No. 210-05 FT1           Resistance to oil         in accordance with DIN EN 60811-2-1           Other resistance         UV resistant           Low adhesion           Ambient temperature (operation)         -40 °C 90 °C (cable, fixed installation)	External sheath, color	orange RAL 2003
Single wire, color         black 1, black 2, black 3, green/yellow           Thickness, insulation         0.4 mm           Thickness, outer sheath         1.2 mm           Overall twist         4 wires optimally twisted           Max. conductor resistance         ≤ 13.3 Ω/km (at 20 °C)           Insulation resistance         ≥ 10 MΩ*km (at 20 °C)           Nominal voltage, cable         1000 V AC           Test voltage         4260 V AC (5 min.)           Minimum bending radius, fixed installation         5 x D           Max. bending cycles         4000000           Torsion force         ± 25 °/m           Halogen-free         according to VDE 0282-13 Appendix C           Flame resistance         in accordance with EN 60332-1-2           in acc. to UL 1581 VW1         According to CSA C 22.2 No. 210-05 FT1           Resistance to oil         in accordance with DIN EN 60811-2-1           Other resistance         UV resistant           Low adhesion           Ambient temperature (operation)         -40 °C 90 °C (cable, fixed installation)	Conductor material	Bare Cu litz wires
Thickness, insulation         0.4 mm           Thickness, outer sheath         1.2 mm           Overall twist         4 wires optimally twisted           Max. conductor resistance         ≤ 13.3 Ω/km (at 20 °C)           Insulation resistance         ≥ 10 MΩ*km (at 20 °C)           Nominal voltage, cable         1000 V AC           Test voltage         4260 V AC (5 min.)           Minimum bending radius, fixed installation         5 x D           Max. bending cycles         40000000           Torsion force         ± 25 °/m           Halogen-free         according to VDE 0282-13 Appendix C           Flame resistance         in accordance with EN 60332-1-2           in acc. to UL 1581 VW1         According to CSA C 22.2 No. 210-05 FT1           Resistance to oil         in accordance with DIN EN 60811-2-1           Other resistance         UV resistant           Other resistance         UV resistant           Low adhesion           Ambient temperature (operation)         -40 °C 90 °C (cable, fixed installation)	Material wire insulation	PP
Thickness, outer sheath       1.2 mm         Overall twist       4 wires optimally twisted         Max. conductor resistance       ≤ 13.3 Ω/km (at 20 °C)         Insulation resistance       ≥ 10 MΩ*km (at 20 °C)         Nominal voltage, cable       1000 V AC         Test voltage       4260 V AC (5 min.)         Minimum bending radius, fixed installation       5 x D         Max. bending cycles       4000000         Torsion force       ± 25 °/m         Halogen-free       according to VDE 0282-13 Appendix C         Flame resistance       in accordance with EN 60332-1-2         in accordance with EN 60332-1-2       in accordance with DIN EN 60811-2-1         Resistance to oil       in accordance with DIN EN 60811-2-1         Other resistance       UV resistant         Other resistance       UV resistant         Ambient temperature (operation)       -40 °C 90 °C (cable, fixed installation)	Single wire, color	black 1, black 2, black 3, green/yellow
Overall twist       4 wires optimally twisted         Max. conductor resistance       ≤ 13.3 Ω/km (at 20 °C)         Insulation resistance       ≥ 10 MΩ*km (at 20 °C)         Nominal voltage, cable       1000 V AC         Test voltage       4260 V AC (5 min.)         Minimum bending radius, fixed installation       5 x D         Max. bending cycles       4000000         Torsion force       ± 25 °/m         Halogen-free       according to VDE 0282-13 Appendix C         Flame resistance       in accordance with EN 60332-1-2         in acc. to UL 1581 VW1       According to CSA C 22.2 No. 210-05 FT1         Resistance to oil       in accordance with DIN EN 60811-2-1         Other resistance       UV resistant         Low adhesion       -40 °C 90 °C (cable, fixed installation)	Thickness, insulation	0.4 mm
Max. conductor resistance≤ 13.3 Ω/km (at 20 °C)Insulation resistance≥ 10 MΩ*km (at 20 °C)Nominal voltage, cable1000 V ACTest voltage4260 V AC (5 min.)Minimum bending radius, fixed installation5 x DMinimum bending radius, flexible installation7.5 x DMax. bending cycles4000000Torsion force± 25 °/mHalogen-freeaccording to VDE 0282-13 Appendix CFlame resistancein accordance with EN 60332-1-2in acc. to UL 1581 VW1According to CSA C 22.2 No. 210-05 FT1Resistance to oilin accordance with DIN EN 60811-2-1Other resistanceUV resistantOther resistanceUV resistantLow adhesionAmbient temperature (operation)-40 °C 90 °C (cable, fixed installation)	Thickness, outer sheath	1.2 mm
Insulation resistance       ≥ 10 MΩ*km (at 20 °C)         Nominal voltage, cable       1000 V AC         Test voltage       4260 V AC (5 min.)         Minimum bending radius, fixed installation       5 x D         Max. bending cycles       4000000         Torsion force       ± 25 °/m         Halogen-free       according to VDE 0282-13 Appendix C         Flame resistance       in accordance with EN 60332-1-2         in acc. to UL 1581 VW1       According to CSA C 22.2 No. 210-05 FT1         Resistance to oil       in accordance with DIN EN 60811-2-1         According to DIN EN 50363-10-2       UV resistant         Other resistance       UV resistant         Low adhesion         Ambient temperature (operation)       -40 °C 90 °C (cable, fixed installation)	Overall twist	4 wires optimally twisted
Nominal voltage, cable         1000 V AC           Test voltage         4260 V AC (5 min.)           Minimum bending radius, fixed installation         5 x D           Max. bending cycles         4000000           Torsion force         ± 25 °/m           Halogen-free         according to VDE 0282-13 Appendix C           Flame resistance         in accordance with EN 60332-1-2           in acc. to UL 1581 VW1         According to CSA C 22.2 No. 210-05 FT1           Resistance to oil         in accordance with DIN EN 60811-2-1           According to DIN EN 50363-10-2         UV resistant           Other resistance         UV resistant           Low adhesion         Low adhesion           Ambient temperature (operation)         -40 °C 90 °C (cable, fixed installation)	Max. conductor resistance	≤ 13.3 Ω/km (at 20 °C)
Test voltage 4260 V AC (5 min.)  Minimum bending radius, fixed installation 5 x D  Minimum bending radius, flexible installation 7.5 x D  Max. bending cycles 4000000  Torsion force ± 25 °/m  Halogen-free according to VDE 0282-13 Appendix C  Flame resistance in accordance with EN 60332-1-2  in acc. to UL 1581 VW1  According to CSA C 22.2 No. 210-05 FT1  Resistance to oil in accordance with DIN EN 60811-2-1  According to DIN EN 50363-10-2  Other resistance  UV resistant Low adhesion  Ambient temperature (operation) -40 °C 90 °C (cable, fixed installation)	Insulation resistance	≥ 10 MΩ*km (at 20 °C)
Minimum bending radius, fixed installation5 x DMinimum bending radius, flexible installation7.5 x DMax. bending cycles4000000Torsion force± 25 °/mHalogen-freeaccording to VDE 0282-13 Appendix CFlame resistancein accordance with EN 60332-1-2in acc. to UL 1581 VW1According to CSA C 22.2 No. 210-05 FT1Resistance to oilin accordance with DIN EN 60811-2-1According to DIN EN 50363-10-2According to DIN EN 50363-10-2Other resistanceUV resistantLow adhesionLow adhesionAmbient temperature (operation)-40 °C 90 °C (cable, fixed installation)	Nominal voltage, cable	1000 V AC
Minimum bending radius, flexible installation7.5 x DMax. bending cycles4000000Torsion force± 25 °/mHalogen-freeaccording to VDE 0282-13 Appendix CFlame resistancein accordance with EN 60332-1-2in acc. to UL 1581 VW1According to CSA C 22.2 No. 210-05 FT1Resistance to oilin accordance with DIN EN 60811-2-1Other resistanceUV resistantOther resistanceUV resistantLow adhesionAmbient temperature (operation)-40 °C 90 °C (cable, fixed installation)	Test voltage	4260 V AC (5 min.)
Max. bending cycles4000000Torsion force± 25 °/mHalogen-freeaccording to VDE 0282-13 Appendix CFlame resistancein accordance with EN 60332-1-2in acc. to UL 1581 VW1According to CSA C 22.2 No. 210-05 FT1Resistance to oilin accordance with DIN EN 60811-2-1According to DIN EN 50363-10-2According to DIN EN 50363-10-2Other resistanceUV resistantLow adhesionAmbient temperature (operation)-40 °C 90 °C (cable, fixed installation)	Minimum bending radius, fixed installation	5 x D
Torsion force	Minimum bending radius, flexible installation	7.5 x D
Halogen-free according to VDE 0282-13 Appendix C  Flame resistance in accordance with EN 60332-1-2 in acc. to UL 1581 VW1 According to CSA C 22.2 No. 210-05 FT1  Resistance to oil in accordance with DIN EN 60811-2-1 According to DIN EN 50363-10-2  Other resistance UV resistant Low adhesion  Ambient temperature (operation) -40 °C 90 °C (cable, fixed installation)	Max. bending cycles	4000000
Flame resistance in accordance with EN 60332-1-2 in acc. to UL 1581 VW1 According to CSA C 22.2 No. 210-05 FT1  Resistance to oil in accordance with DIN EN 60811-2-1 According to DIN EN 50363-10-2  Other resistance UV resistant Low adhesion  Ambient temperature (operation) -40 °C 90 °C (cable, fixed installation)	Torsion force	± 25 °/m
in acc. to UL 1581 VW1  According to CSA C 22.2 No. 210-05 FT1  Resistance to oil in accordance with DIN EN 60811-2-1  According to DIN EN 50363-10-2  UV resistant  Low adhesion  Ambient temperature (operation)  in acc. to UL 1581 VW1  in acc. to UL 1581 VW1  According to CSA C 22.2 No. 210-05 FT1  UV resistant  -40 °C 90 °C (cable, fixed installation)	Halogen-free	according to VDE 0282-13 Appendix C
According to CSA C 22.2 No. 210-05 FT1  Resistance to oil in accordance with DIN EN 60811-2-1  According to DIN EN 50363-10-2  Other resistance UV resistant  Low adhesion  Ambient temperature (operation) -40 °C 90 °C (cable, fixed installation)	Flame resistance	in accordance with EN 60332-1-2
Resistance to oil in accordance with DIN EN 60811-2-1 According to DIN EN 50363-10-2  Other resistance UV resistant Low adhesion  Ambient temperature (operation) -40 °C 90 °C (cable, fixed installation)		
According to DIN EN 50363-10-2  Other resistance  UV resistant  Low adhesion  Ambient temperature (operation)  -40 °C 90 °C (cable, fixed installation)		-
Other resistance  UV resistant  Low adhesion  Ambient temperature (operation)  -40 °C 90 °C (cable, fixed installation)	Resistance to oil	
Low adhesion  Ambient temperature (operation)  -40 °C 90 °C (cable, fixed installation)		
Ambient temperature (operation) -40 °C 90 °C (cable, fixed installation)	Other resistance	
	Ambient temperature (operation)	



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### Environmental and real-life conditions

#### Ambient conditions

Degree of protection	IP65	
	IP67 (without preloading, as additional test in accordance with IEC 60529)	
Ambient temperature (operation)	-25 °C 85 °C (Plug / socket)	

### Standards and regulations

Standard designation	M12 connector	
Standards/specifications	IEC 61076-2-111	

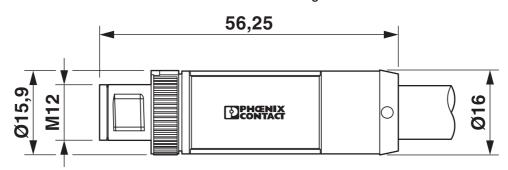


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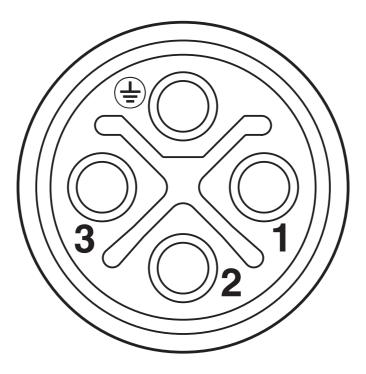
### Drawings

### Dimensional drawing



Plug, M12 x 1, straight, shielded

### Schematic diagram



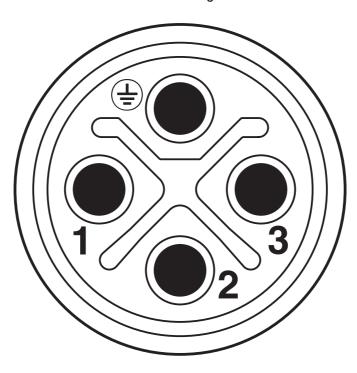
Pin assignment of M12 socket, 4-pos., S-coded, socket side view



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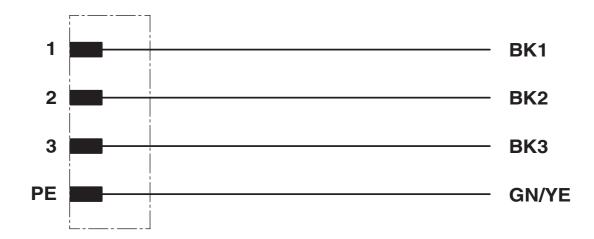
https://www.phoenixcontact.com/us/products/1423652





M12 plug pin assignment, 4-pos., S-coded, plug side view

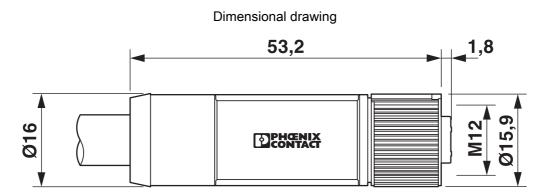
Circuit diagram





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M12 x 1 socket, straight



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### **Approvals**

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1423652

<u> </u>	<b>UL Listed</b> Approval ID: FILE E 468743				
		Nominal voltage U <sub>N</sub>	Nominal current I <sub>N</sub>	Cross section AWG	Cross section mm <sup>2</sup>
		600 V	12 A	-	- 16

• <u>®</u>	<b>cUL Listed</b> Approval ID: FILE E 46874	13			
		Nominal voltage $U_N$	Nominal current I <sub>N</sub>	Cross section AWG	Cross section mm <sup>2</sup>
		600 V	12 A	- 16	-

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### Classifications

#### **ECLASS**

UNSPSC 21.0

	ECLASS-11.0	27060311			
	ECLASS-12.0	27060311			
	ECLASS-13.0	27060327			
ETIM					
	ETIM 8.0	EC001855			
UN	SPSC				

26121600



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### Environmental product compliance

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



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#### Accessories

#### PROT-M12 FS - Sealing cap

1560251

https://www.phoenixcontact.com/us/products/1560251



M12 sealing cap for unoccupied M12 plugs of the sensor/actuator cable, flush-type plugs and I/O devices in the field

#### SAC BIT M12-D16 - Tool

1200305

https://www.phoenixcontact.com/us/products/1200305



Nut for assembling sensor/actuator cables with M12 connector and M12 connectors for assembly, knurl diameter: 16 mm, for 4 mm hexagonal drive

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