

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (http://phoenixcontact.com/download)



Bus system flush-type plug, PROFIBUS, 2-pos., M12, shielded, B-coded, rear/screw mounting with M16 thread, with 2 m bus cable, 2 x 0.25 mm²

Your advantages

- ☑ Pre-assembled with cables in various standard lengths for immediate use
- Customer-specific assemblies and cable lengths can be supplied
- Sealed on the cable side for optimum tightness of seal
- For high transmission safety: shield connection to the housing with optional EMC nut



Key Commercial Data

Packing unit	1 pc
GTIN	4 046356 026536
GTIN	4046356026536
Weight per Piece (excluding packing)	140.000 g
Custom tariff number	85444290
Country of origin	Germany

Technical data

Dimensions

	T
Length of cable	2 m

Ambient conditions

Ambient temperature (operation)	-25 °C 85 °C (Plug / socket)



Technical data

Ambient conditions

Degree of protection	IP67

General

Note	The electrical and mechanical data specified assume that the connector pair is correctly locked and mounted. If the connector is unlocked and if there is a danger of contamination, the connector must be sealed using a protective cap > IP54. Influences arising from litz wires, cables or PCB assembly must also be taken into consideration.
Rated current at 40°C	4 A
Rated voltage	60 V
Rated surge voltage	1.5 kV
Number of positions	2
Insulation resistance	≥ 100 MΩ
Coding	B - inverse
Standards/regulations	M12 connector IEC 61076-2-101
Status display	No
Overvoltage category	II
Degree of pollution	3
Test voltage	2500 V
Insertion/withdrawal cycles	> 100

Material

Flammability rating according to UL 94	V0
Contact material	CuZn
Contact surface material	Ni/Au
Contact carrier material	PA 6.6
Material, knurls	Nickel-plated brass
Sealing material	FKM

Standards and Regulations

Standard designation	M12 connector
Standards/regulations	IEC 61076-2-101
Flammability rating according to UL 94	V0

Cable

Cable type	PROFIBUS
Cable type (abbreviation)	910
UL AWM style	21198 (80°C/300 V)
Signal type/category	PROFIBUS
Cable structure	1x2xAWG24/19

07/30/2019 Page 2 / 5



Technical data

Cable

AWG signal line 24 Conductor structure signal line 19x 0.13 mm Core diameter including insulation 2.55 mm ±0.07 mm Wire colors Red, green Overall tivist 2 cores with 2 fillers to the core Shielding Plastic-coated atuminum foil, tinned copper braided shield Optical shield covering 86 % External sheath, color violet RAL 4001 External cable diameter D 7.8 mm ±0.2 mm Smallest bending radius, fixed installation 40 mm Smallest bending radius, invable installation 65 mm Number of bending cycles 4000000 Bending radius 65 mm Traversing path 4.5 m Traversing path 4.5 m Acceleration 3 m/s² Acceleration 3 m/s² Acceleration 90 kg/km Utter sheath, material PUR Material conductor insulation Foam-Skin PP Material conductor insulation Foam-Skin PP Conductor material Tim-plated Cult twires Insulation resistance 2 78.6 0/km	Conductor cross section	2x 0.25 mm² (Signal line)
Core diameter including insulation 2.55 mm ± 0.07 mm Wire colors Red, green Overall twist 2 cores with 2 fillers to the core Shielding Plastic-coated aluminum foil, tinned copper braided shield Optical shield covering 85 % External sheath, color violet RAL 4001 External cable diameter D 7.8 mm ± 0.2 mm Smallest bending radius, fixed installation 40 mm Smallest bending radius, movable installation 65 mm Number of bending cycles 4000000 Bending radius 65 mm Traversing path 4.5 m Traversing rate 3 m/s² Acceleration 3 m/s² Cable weight 90 kg/km Outer sheath, material PUR Material, filler PP Material conductor insulation Foam-Skin PP Conductor material Tin-plated Cu litz wires Insulation resistance ≥ 5 G/Crkm Cable capacity nom. 30 pF/m Wave impedance 150 Ω ± 10 % (3 MHz 20 MHz) Attenuation ≤ 0.049 dB/m (at 16 MHz) <td>AWG signal line</td> <td>24</td>	AWG signal line	24
Wire colors Red, green Overall twist 2 cores with 2 fillers to the core Shielding Plastic-coated aluminum foil, tinned copper braided shield Optical shield covering 85 % External sheath, color violet RAL 4001 External cable diameter D 7.8 mm ±0.2 mm Smallest bending radius, fixed installation 40 mm Smallest bending radius, movable installation 65 mm Number of bending cycles 4000000 Bending radius 65 mm Traversing path 4.5 m Traversing gate 3 m/s Acceleration 3 m/s² Cable weight 90 kg/km Outer sheath, material PUR Material, filler PP Material, filler PP Material or outcotor insulation Foam-Skin PP Conductor material Tin-plated Cu litz wires Insulation resistance > 5 GΩ/km Conductor resistance > 78.6 Ω/km Conductor resistance > 78.6 Ω/km Vave impedance 150 Ω ± 10 % (3 MHz 20 MHz) Wave imped	Conductor structure signal line	19x 0.13 mm
Overall twist 2 cores with 2 fillers to the core Shielding Plastic-coated aluminum foil, tinned copper braided shield Optical shield covering 85 % External sheath, color violet RAL 4001 External cable diameter D 7.8 mm ±0.2 mm Smallest bending radius, fixed installation 40 mm Smallest bending radius, movable installation 65 mm Number of bending cycles 4000000 Bending radius 65 mm Traversing path 4.5 m Traversing rate 3 m/s Acceleration 3 m/s² Cable weight 90 kg/km Outer sheath, material PUR Material, filler PP Material conductor insulation Foam-Skin PP Conductor material Tin-plated Cu litz wires Insulation resistance ≥ 5 GΩ*km Conductor resistance ≤ 78.6 Ω/km Cable capacity nom. 30 pF/m Wave impedance 150 Ω ± 10 % (3 MHz 20 MHz) Alternation < 0.049 dB/m (at 16 MHz)	Core diameter including insulation	2.55 mm ±0.07 mm
Shielding Plastic-coated aluminum foil, finned copper braided shield Optical shield covering 85 % External sheath, color violet RAL 4001 External cable diameter D 7.8 mm ±0.2 mm Smallest bending radius, fixed installation 40 mm Smallest bending radius, movable installation 65 mm Number of bending cycles 4000000 Bending radius 65 mm Traversing path 4.5 m Traversing rate 3 m/s Acceleration 3 m/s² Cable weight 90 kg/km Outer sheath, material PUR Material, filler PP Material conductor insulation Foam-Skin PP Conductor material Tin-plated Ou litz wires Insulation resistance ≥ 5 GΩ*km Cable capacity nom. 30 pF/m Wave impedance 150 Ω ±10 % (3 MHz 20 MHz) Attenuation < 0.049 dB/m (at 16 MHz)	Wire colors	Red, green
Optical shield covering 85 % External sheath, color violet RAL 4001 External cable diameter D 7.8 mm ±0.2 mm Smallest bending radius, fixed installation 40 mm Smallest bending radius, movable installation 65 mm Number of bending cycles 4000000 Bending radius 65 mm Traversing path 4.5 m Traversing path 3 m/s Acceleration 3 m/s² Cable weight 90 kg/km Outer sheath, material PUR Material, filler PP Material conductor insulation Foam-Skin PP Conductor material Tin-plated Cu litz wires Insulation resistance ≥ 5 GC/km Conductor resistance ≤ 78.6 Ω/km Cable capacity nom 30 pF/m Wave impedance 150 Ω ±10 % (3 MHz 20 MHz) Attenuation ≤ 0.049 dB/m (at 16 MHz) Nominal voltage, cable 30 V Test voltage Core/Core 1500 V (50 Hz, 1 min.) Test voltage Core/Shield 1500 V (50 Hz, 1 min.) Flame resistance <td>Overall twist</td> <td>2 cores with 2 fillers to the core</td>	Overall twist	2 cores with 2 fillers to the core
External sheath, color violet RAL 4001	Shielding	Plastic-coated aluminum foil, tinned copper braided shield
External cable diameter D 7.8 mm ±0.2 mm Smallest bending radius, fixed installation 40 mm Smallest bending radius, movable installation 65 mm Number of bending cycles 4000000 Bending radius 65 mm Traversing path 4.5 m Traversing rate 3 m/s Acceleration 3 m/s² Cable weight 90 kg/km Outer sheath, material PUR Material, filler PP Material conductor insulation Foam-Skin PP Conductor material Tin-plated Cu litz wires Insulation resistance > 5 GΩ*km Conductor resistance < 78.6 Ω/km	Optical shield covering	85 %
Smallest bending radius, fixed installation 40 mm Smallest bending radius, movable installation 65 mm Number of bending cycles 4000000 Bending radius 65 mm Traversing path 4.5 m Traversing rate 3 m/s² Acceleration 3 m/s² Cable weight 90 kg/km Outer sheath, material PUR Material, filler PP Material conductor insulation Foam-Skin PP Conductor material Tin-plated Cu litz wires Insulation resistance ≥ 5 GΩ*km Conductor resistance ≥ 78.6 Ω/km Cable capacity nom. 30 pF/m Wave impedance 150 Ω ± 10 % (3 MHz 20 MHz) Attenuation ≤ 0.049 dB/m (at 16 MHz) Nominal voltage, cable 30 V Test voltage Core/Core 1500 V (50 Hz, 1 min.) Test voltage Core/Shield 1500 V (50 Hz, 1 min.) Flame resistance UL 1581, Sec. 1060 (FT-1) IEC 60332-1-2 Halogen-free in accordance with DIN VDE 0472 part 815 daccording to IEC 60754-1 Low adhe	External sheath, color	violet RAL 4001
Smallest bending radius, movable installation 65 mm Number of bending cycles 4000000 Bending radius 65 mm Traversing path 4.5 m Traversing rate 3 m/s Acceleration 3 m/s² Cable weight 90 kg/km Outer sheath, material PUR Material, filler PP Material conductor insulation Foam-Skin PP Conductor material Tin-plated Cu litz wires Insulation resistance ≥ 5 GΩ*km Conductor resistance ≤ 78.6 Ω/km Cable capacity nom. 30 pF/m Wave impedance 150 Ω ±10 % (3 MHz 20 MHz) Attenuation ≤ 0.049 dB/m (at 16 MHz) Nominal voltage, cable 30 V Test voltage Core/Core 1500 V (50 Hz, 1 min.) Test voltage Core/Core 1500 V (50 Hz, 1 min.) Flame resistance UL 1581, Sec. 1060 (FT-1) IEC 60332-1-2 Halogen-free in accordance with DIN VDE 0472 part 815 daccording to IEC 60754-1 Low adhesion	External cable diameter D	7.8 mm ±0.2 mm
Number of bending cycles 4000000 Bending radius 65 mm Traversing path 4.5 m Traversing rate 3 m/s Acceleration 3 m/s² Cable weight 90 kg/km Outer sheath, material PUR Material, filler PP Material conductor insulation Foam-Skin PP Conductor material Tin-plated Cu litz wires Insulation resistance ≥ 5 GΩ*km Conductor resistance ≤ 78.6 Ω/km Cable capacity nom. 30 pF/m Wave impedance 150 Ω ±10 % (3 MHz 20 MHz) Attenuation ≤ 0.049 dB/m (at 16 MHz) Nominal voltage, cable 30 V Test voltage Core/Core 1500 V (50 Hz, 1 min.) Test voltage Core/Shield 1500 V (50 Hz, 1 min.) Flame resistance UL 1581, Sec. 1060 (FT-1) Halogen-free in accordance with DIN VDE 0472 part 815 according to IEC 60754-1 Low adhesion	Smallest bending radius, fixed installation	40 mm
Bending radius 65 mm Traversing path 4.5 m Traversing rate 3 m/s Acceleration 3 m/s² Cable weight 90 kg/km Outer sheath, material PUR Material, filler PP Material conductor insulation Foam-Skin PP Conductor material Tin-plated Cu litz wires Insulation resistance ≥ 5 GΩ*km Conductor resistance ≤ 78.6 Ω/km Cable capacity nom. 30 pF/m Wave impedance 150 Ω ±10 % (3 MHz 20 MHz) Attenuation ≤ 0.049 dB/m (at 16 MHz) Nominal voltage, cable 30 V Test voltage Core/Core 1500 V (50 Hz, 1 min.) Test voltage Core/Shield 1500 V (50 Hz, 1 min.) Flame resistance UL 1581, Sec. 1060 (FT-1) Halogen-free in accordance with DIN VDE 0472 part 815 according to IEC 60754-1 Low adhesion	Smallest bending radius, movable installation	65 mm
Traversing path 4.5 m Traversing rate 3 m/s Acceleration 3 m/s² Cable weight 90 kg/km Outer sheath, material PUR Material, filler PP Material conductor insulation Foam-Skin PP Conductor material Tin-plated Cu litz wires Insulation resistance ≥ 5 GΩ*km Conductor resistance ≤ 78.6 Ω/km Cable capacity nom. 30 pF/m Wave impedance 150 Ω ±10 % (3 MHz 20 MHz) Attenuation ≤ 0.049 dB/m (at 16 MHz) Nominal voltage, cable 30 V Test voltage Core/Core 1500 V (50 Hz, 1 min.) Test voltage Core/Shield 1500 V (50 Hz, 1 min.) Flame resistance UL 1581, Sec. 1060 (FT-1) IEC 60332-1-2 in accordance with DIN VDE 0472 part 815 according to IEC 60754-1 Low adhesion	Number of bending cycles	4000000
Traversing rate 3 m/s Acceleration 3 m/s² Cable weight 90 kg/km Outer sheath, material PUR Material, filler PP Material conductor insulation Foam-Skin PP Conductor material Tin-plated Cu litz wires Insulation resistance ≥ 5 GΩ*km Conductor resistance ≤ 78.6 Ω/km Cable capacity nom. 30 pF/m Wave impedance 150 Ω ±10 % (3 MHz 20 MHz) Attenuation ≤ 0.049 dB/m (at 16 MHz) Nominal voltage, cable 30 V Test voltage Core/Core 1500 V (50 Hz, 1 min.) Test voltage Core/Shield 1500 V (50 Hz, 1 min.) Flame resistance UL 1581, Sec. 1060 (FT-1) Halogen-free in accordance with DIN VDE 0472 part 815 according to IEC 60754-1 Low adhesion	Bending radius	65 mm
Acceleration 3 m/s² Cable weight 90 kg/km Outer sheath, material PUR Material, filler PP Material conductor insulation Foam-Skin PP Conductor material Tin-plated Cu litz wires Insulation resistance ≥ 5 GΩ*km Conductor resistance ≤ 78.6 Ω/km Cable capacity nom. 30 pF/m Wave impedance 150 Ω ±10 % (3 MHz 20 MHz) Attenuation ≤ 0.049 dB/m (at 16 MHz) Nominal voltage, cable 30 V Test voltage Core/Core 1500 V (50 Hz, 1 min.) Test voltage Core/Shield 1500 V (50 Hz, 1 min.) Flame resistance UL 1581, Sec. 1060 (FT-1) Halogen-free in accordance with DIN VDE 0472 part 815 according to IEC 60754-1 Low adhesion	Traversing path	4.5 m
Cable weight 90 kg/km Outer sheath, material PUR Material, filler PP Material conductor insulation Foam-Skin PP Conductor material Tin-plated Cu litz wires Insulation resistance ≥ 5 GΩ*km Conductor resistance ≤ 78.6 Ω/km Cable capacity nom. 30 pF/m Wave impedance 150 Ω ±10 % (3 MHz 20 MHz) Attenuation ≤ 0.049 dB/m (at 16 MHz) Nominal voltage, cable 30 V Test voltage Core/Core 1500 V (50 Hz, 1 min.) Test voltage Core/Shield 1500 V (50 Hz, 1 min.) Flame resistance UL 1581, Sec. 1060 (FT-1) IEC 60332-1-2 Halogen-free In accordance with DIN VDE 0472 part 815 according to IEC 60754-1 Low adhesion	Traversing rate	3 m/s
Outer sheath, material PUR Material, filler PP Material conductor insulation Foam-Skin PP Conductor material Tin-plated Cu litz wires Insulation resistance ≥ 5 GΩ*km Conductor resistance ≤ 78.6 Ω/km Cable capacity nom. 30 pF/m Wave impedance 150 Ω ±10 % (3 MHz 20 MHz) Attenuation ≤ 0.049 dB/m (at 16 MHz) Nominal voltage, cable 30 V Test voltage Core/Core 1500 V (50 Hz, 1 min.) Test voltage Core/Shield 1500 V (50 Hz, 1 min.) Flame resistance UL 1581, Sec. 1060 (FT-1) IEC 60332-1-2 IEC 60332-1-2 Halogen-free in accordance with DIN VDE 0472 part 815 according to IEC 60754-1 Cow adhesion	Acceleration	3 m/s ²
Material, filler PP Material conductor insulation Foam-Skin PP Conductor material Tin-plated Cu litz wires Insulation resistance ≥ 5 GΩ*km Conductor resistance ≤ 78.6 Ω/km Cable capacity nom. 30 pF/m Wave impedance 150 Ω ±10 % (3 MHz 20 MHz) Attenuation ≤ 0.049 dB/m (at 16 MHz) Nominal voltage, cable 30 V Test voltage Core/Core 1500 V (50 Hz, 1 min.) Test voltage Core/Shield 1500 V (50 Hz, 1 min.) Flame resistance UL 1581, Sec. 1060 (FT-1) IEC 60332-1-2 IEC 60332-1-2 Halogen-free in accordance with DIN VDE 0472 part 815 according to IEC 60754-1 Cow adhesion	Cable weight	90 kg/km
Material conductor insulation Foam-Skin PP Conductor material Tin-plated Cu litz wires Insulation resistance ≥ 5 GΩ*km Conductor resistance ≤ 78.6 Ω/km Cable capacity nom. 30 pF/m Wave impedance 150 Ω ±10 % (3 MHz 20 MHz) Attenuation ≤ 0.049 dB/m (at 16 MHz) Nominal voltage, cable 30 V Test voltage Core/Core 1500 V (50 Hz, 1 min.) Test voltage Core/Shield 1500 V (50 Hz, 1 min.) Flame resistance UL 1581, Sec. 1060 (FT-1) IEC 60332-1-2 In accordance with DIN VDE 0472 part 815 Halogen-free in accordance with DIN VDE 0472 part 815 Cother resistance Low adhesion	Outer sheath, material	PUR
Conductor material Tin-plated Cu litz wires Insulation resistance ≥ 5 GΩ*km Conductor resistance ≤ 78.6 Ω/km Cable capacity nom. 30 pF/m Wave impedance 150 Ω ±10 % (3 MHz 20 MHz) Attenuation ≤ 0.049 dB/m (at 16 MHz) Nominal voltage, cable 30 V Test voltage Core/Core 1500 V (50 Hz, 1 min.) Test voltage Core/Shield 1500 V (50 Hz, 1 min.) Flame resistance UL 1581, Sec. 1060 (FT-1) IEC 60332-1-2 in accordance with DIN VDE 0472 part 815 Halogen-free in accordance with DIN VDE 0472 part 815 Other resistance Low adhesion	Material, filler	PP
Insulation resistance $ \geq 5 \ G\Omega^* km $ $ \leq 78.6 \ \Omega/km $ Cable capacity $ nom. \ 30 \ pF/m $ Wave impedance $ 150 \ \Omega \pm 10 \ \% \ (3 \ MHz \dots 20 \ MHz) $ Attenuation $ \leq 0.049 \ dB/m \ (at \ 16 \ MHz) $ Nominal voltage, cable $ 30 \ V $ Test voltage Core/Core $ 1500 \ V \ (50 \ Hz, 1 \ min.) $ Test voltage Core/Shield $ 1500 \ V \ (50 \ Hz, 1 \ min.) $ Flame resistance $ UL \ 1581, \ Sec. \ 1060 \ (FT-1) $ $ IEC \ 60332-1-2 $ Halogen-free $ in \ accordance \ with \ DIN \ VDE \ 0472 \ part \ 815 $ $ according \ to \ IEC \ 60754-1 $ Other resistance $ Low \ adhesion $	Material conductor insulation	Foam-Skin PP
Conductor resistance $\leq 78.6 \ \Omega/\text{km}$ Cable capacity nom. 30 pF/m Wave impedance $150 \ \Omega \pm 10 \ \% \ (3 \ \text{MHz} \dots 20 \ \text{MHz})$ Attenuation $\leq 0.049 \ \text{dB/m} \ (\text{at } 16 \ \text{MHz})$ Nominal voltage, cable $30 \ \text{V}$ Test voltage Core/Core $1500 \ \text{V} \ (50 \ \text{Hz}, 1 \ \text{min.})$ Test voltage Core/Shield $1500 \ \text{V} \ (50 \ \text{Hz}, 1 \ \text{min.})$ Flame resistance $UL \ 1581, \ \text{Sec.} \ 1060 \ (\text{FT-1})$ IEC $60332\text{-}1\text{-}2$ Halogen-free in accordance with DIN VDE $0472 \ \text{part} \ 815$ according to IEC $60754\text{-}1$ Other resistance Low adhesion	Conductor material	Tin-plated Cu litz wires
Cable capacity nom. 30 pF/m Wave impedance 150 Ω ±10 % (3 MHz 20 MHz) Attenuation ≤ 0.049 dB/m (at 16 MHz) Nominal voltage, cable 30 V Test voltage Core/Core 1500 V (50 Hz, 1 min.) Test voltage Core/Shield 1500 V (50 Hz, 1 min.) Flame resistance UL 1581, Sec. 1060 (FT-1) IEC 60332-1-2 IEC 60332-1-2 Halogen-free in accordance with DIN VDE 0472 part 815 according to IEC 60754-1 Low adhesion	Insulation resistance	$\geq 5 \text{ G}\Omega^*\text{km}$
Wave impedance 150 Ω ±10 % (3 MHz 20 MHz) Attenuation ≤ 0.049 dB/m (at 16 MHz) Nominal voltage, cable 30 V Test voltage Core/Core 1500 V (50 Hz, 1 min.) Test voltage Core/Shield 1500 V (50 Hz, 1 min.) Flame resistance UL 1581, Sec. 1060 (FT-1) IEC 60332-1-2 IEC 60332-1-2 Halogen-free in accordance with DIN VDE 0472 part 815 according to IEC 60754-1 Other resistance	Conductor resistance	≤ 78.6 Ω/km
Attenuation ≤ 0.049 dB/m (at 16 MHz) Nominal voltage, cable 30 V Test voltage Core/Core 1500 V (50 Hz, 1 min.) Test voltage Core/Shield 1500 V (50 Hz, 1 min.) Flame resistance UL 1581, Sec. 1060 (FT-1) IEC 60332-1-2 IEC 60332-1-2 Halogen-free in accordance with DIN VDE 0472 part 815 according to IEC 60754-1 Low adhesion	Cable capacity	nom. 30 pF/m
Nominal voltage, cable Test voltage Core/Core 1500 V (50 Hz, 1 min.) Test voltage Core/Shield 1500 V (50 Hz, 1 min.) Flame resistance UL 1581, Sec. 1060 (FT-1) IEC 60332-1-2 Halogen-free in accordance with DIN VDE 0472 part 815 according to IEC 60754-1 Other resistance Low adhesion	Wave impedance	150 Ω ±10 % (3 MHz 20 MHz)
Test voltage Core/Core 1500 V (50 Hz, 1 min.) Test voltage Core/Shield 1500 V (50 Hz, 1 min.) Flame resistance UL 1581, Sec. 1060 (FT-1) IEC 60332-1-2 Halogen-free in accordance with DIN VDE 0472 part 815 according to IEC 60754-1 Other resistance Low adhesion	Attenuation	≤ 0.049 dB/m (at 16 MHz)
Test voltage Core/Shield 1500 V (50 Hz, 1 min.) Flame resistance UL 1581, Sec. 1060 (FT-1) IEC 60332-1-2 IEC 60332-1-2 Halogen-free in accordance with DIN VDE 0472 part 815 according to IEC 60754-1 Low adhesion	Nominal voltage, cable	30 V
Flame resistance UL 1581, Sec. 1060 (FT-1) IEC 60332-1-2 Halogen-free in accordance with DIN VDE 0472 part 815 according to IEC 60754-1 Other resistance Low adhesion	Test voltage Core/Core	1500 V (50 Hz, 1 min.)
Halogen-free in accordance with DIN VDE 0472 part 815 according to IEC 60754-1 Other resistance Low adhesion	Test voltage Core/Shield	1500 V (50 Hz, 1 min.)
Halogen-free in accordance with DIN VDE 0472 part 815 according to IEC 60754-1 Other resistance Low adhesion	Flame resistance	UL 1581, Sec. 1060 (FT-1)
according to IEC 60754-1 Other resistance Low adhesion		IEC 60332-1-2
Other resistance Low adhesion	Halogen-free	in accordance with DIN VDE 0472 part 815
		according to IEC 60754-1
Ambient temperature (operation) -40 °C 80 °C (cable, fixed installation)	Other resistance	Low adhesion
	Ambient temperature (operation)	-40 °C 80 °C (cable, fixed installation)



Technical data

Cable

	-30 °C 80 °C (cable, flexible installation)
	≤ 70 °C (cable, drag chain applications)
Ambient temperature (storage/transport)	-40 °C 80 °C

Environmental Product Compliance

	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Classifications

eCl@ss

eCl@ss 4.0	27140815
eCl@ss 4.1	27140815
eCl@ss 5.0	27143423
eCl@ss 5.1	27143400
eCl@ss 6.0	27279200
eCl@ss 7.0	27440103
eCl@ss 8.0	27440103
eCl@ss 9.0	27440102

ETIM

ETIM 2.0	EC001297
ETIM 3.0	EC002061
ETIM 4.0	EC000830
ETIM 5.0	EC002061
ETIM 6.0	EC002061

UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	39121413



Approvals		
Approvals		
Approvals		
EAC		
Ex Approvals		
Approval details		
EAC	:A[B.00767

Phoenix Contact 2019 © - all rights reserved http://www.phoenixcontact.com