

## M8 male 90° A-cod./ MSUD valve plug CI-9.4mm small

PVC 3x0.34 bk UL/CSA 0.3m

**MSUD** 

Plastic housings with good resistance against chemicals and oils.

Form CI (9.4 mm)

Male M8

90°

24 V AC ±20% / DC ±25%

4-pole

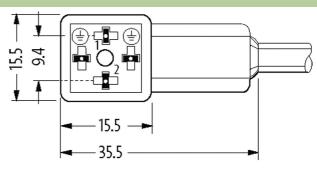
Z-Diode + LED

Art-No. 7005 - M8 Lite - (plastic hexagonal screw) on request

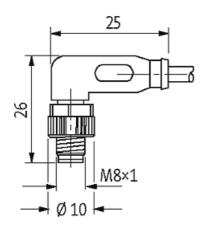
Further cable lengths on request.

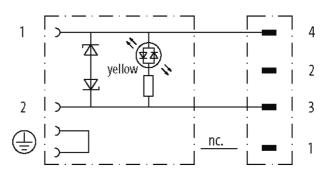
## **Link to Product**





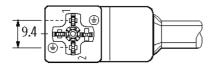
Height: 25 mm













Product may differ from Image

Form

Form 88491



stay connected

Raind surp voltage	Technical Data	
Raind surp voltage	Operating voltage	24 V AC ±20% / DC ±25%
Operating current per contact   max. 4 A	<u> </u>	0.8 kV
No. of poles		max. 4 A
Current consumption   15 mA		4
Material group   IEC 60064-1, category	•	15 mA
Switch of peak         max. 55 V           Lod display         yellow           Lodking of ports         Md3M8 (swiny)           Compression gland         M8 (swiny)           Protection         IP65 and IP67 when plugged and screwed down (EN 60529)           Material         MSDD (P81); M8 (PUP)           Lodding material         Zun die casting, material exited           Black plastic (gray on request)           Actional suppressor         Dode? Z-Dode           General dats         Standands           Standands         DN 61 (76*2-104 (M8))           Mactional suppressor         Dode? Z-Dode           General dats         DN 61 (76*2-104 (M8))           Standands         DN 61 (76*2-104 (M8))           Macting mathod         inserted.1 (gleRended           Material (contact)         Copper alloy           Meterial (contact)         Copper alloy           Meterial (contact)         Copper alloy           Meterial (guster)         PUR           Pollution Degree         3           No. /diameter of views         3 - 0.34 mm²           No. /diameter of views         3 - 0.34 mm²           No. /diameter of views         3 - 0.34 mm²           Material (protein)         10 - 0.00 <tr< td=""><td><u> </u></td><td></td></tr<>	<u> </u>	
LEC deplay		
Locking all ports         MS/M8 (recommended torque 0.4 Nm)           Compression gland         M8 (SW9)           Profestion         IP65 and IP67 when plugged and screwed down (EN 60529)           Material         MSUD (PBT), MB (PUR)           Locking material         Zin cities castling, matter nickel plated           suitable for corrugated tube (internal 0)         6.5 mm           Housing         Black plastic (gary on request)           Additional suppressor         Dioder? Diode           General data         DIN EN 61076 2-104 (M8)           Mounting method         inserted, sightened           Material (contact)         Copper alloy           Material (contact)         MSUD (Ag), MB (Au)           Material (contact)         Copper alloy           Material (contact)         PUR           Pollution Degree         3           Temperature range         25485 °C, depending on cable quality           Wire isolation         PVC (Er, B.), bis           More facilities         PVC (Er, B.), bis           Wire isolation         PVC (ULCSA)           Outer 0         4.6 mm ±5%           Bend radius (moving)         10 × outer 0           Temperature range (mobile)         5 +80 °C           Cable type         1 (PVC) </td <td></td> <td></td>		
Compression gland         M8 (SW9)           Protection         IP65 and IP67 when plugged and screwed down (EN 60529)           Makerial         MSUD (PBT); M8 (PUR)           Locking material         Zinc die casting, mate nickel plated           suitable for corrugated tube (internal 0)         6.5 mm           Housing         Black plastic (gray on request)           Additional suppressor         Diodez-7 Diode           General date         Coperal date           Standards         DIN EN 61076-2-104 (M8)           Mounting method         inserted, lightened           Material (contact)         Copper alloy           Material (contact surface)         MSUD (Ag); M8 (Au)           Material (gasket)         PUR           Publishon Degree         3           Temperature range         25 - 485 °C, depending on cable quality           Cables         Subject of wires           Wire solation         PVC (IV, I), Ib, Ib)           Material (gokety)         PVC (IV, ICSA)           Outer 6         4.6 mm 25%           Bend radius (moving)         10 s outer 0           Temperature range (ince)         30 - 480 °C           Temperature range (ince)         30 - 80 °C           Temperature range (ince)         34 · 10 <td></td> <td>,</td>		,
PF05 and IP67 when plugged and screwed down (EN 60529)   Material	<del>-</del> '	· · · · · · · · · · · · · · · · · · ·
Material MSUD (PBT); M8 (PUR) Locking material Zinc die casting, matte nickel plated subtable for corrugated tube (internal Ø) 6.5 mm Housing Black plastic (gray on request) Additional suppressor Diode/Z-Diode  General data  Standards DIN EN 61076-2-104 (M8) Mounting method inserted, lightened  Material (contact) Copper alloy Material (contact surface) MSUD (Ag); M8 (Au) Material (contact surface) MSUD (Ag); M8 (Au) Material (contact surface) PUR Pollution Degree 3 Temporature range 2-25+85 °C. depending on cable quality  Cables  No./diameter of wires 3 3 × 0.34 mm² Wire isolation PVC (tr., b), b), Material (gicket) PVC (tr., cadmium-, silicone- and lead-free  Material (gicket) PVC (tr., b), b), Material (gicket) PVC (tr., cadmium-, silicone- and lead-free  Shore hardness (wire isolation) PVC (tr., cadmium-, silicone- and lead-free  Shore hardness (gicket) PVC		
Locking material   Zinc die casting, matte nickel plated		
Suitable for corrugated tube (internal Ø)   6.5 mm		
Black plastic (gray on request)		
Additional suppressor Diode/Z-Diode  General data  Standards DIN EN 61076-2-104 (M8)  Mounting method inserted, tightened  Material (contact) Copper alloy  Material (contact surface) MSUD (Ag); M8 (Au)  Material (gasket) PUR  Pollution Degree 3  Temperature range -25+85 °C, depending on cable quality  Cables  Wire isolation PVC (br, bl, bk)  Material (gasket) PVC (br, bl, bk)  Material (gasket) PVC (ULCSA)  Outer Ø 4.6 mm ±5%  Beand radius (moving) 10 vouter Ø  Temperature range (fixed) -30+80 °C  Temperature range (mobile) -5+80 °C  Cable identification 613  Cable Type 1 (PVC)  Approval (cable) UL (AWM-Style 2464/1731), CSA  Cable weight (gim) 34,10  Material (wire) Cu wire, bare  Massing (wire) (core) 0.15 mm  Construction (core) 19 v. 0.15 mm (multi-strand wire class 5)  Similar to AWG 22  Material (wire isolation) PVC  Material property (wire isolation) PVC  Coord-mumbering of wires br, bl, bl  Stranding combination 3 wires twisted  Shield no  Material (gasket) PVC  Color/numbering of wires br, bl, bl  Stranding combination 3 wires twisted  Shield no  Material (gasket) PVC  Cadmium., silicone- and lead-free  Shore hardness (gasket) PVC  Cadmium., silicone- and lead-free  Shore hardness (gasket) PVC  Cadmium., silicone- and lead-free  Shore hardness (gasket) PVC		
General data         Standards         DIN EN 61076-2-104 (M8)           Standards         DIN EN 61076-2-104 (M8)           Mounting method         inserted, tigntened           Material (contact)         Coper alloy           Material (contact surface)         MSUD (Ag); M8 (Au)           Material (gasket)         PUR           Pullution Degree         3           3 Temperature range         -2585 °C, depending on cable quality           Cables           No./dameter of wires           No./dameter of wires           3 40 mm²           Wire isolation           PVC (t.U.GSA)           Outer Ø           4.6 mm ±5%           Beand radius (moving)           10 x outer Ø           10 x outer Ø           10 x outer Ø           10 x outer Ø           Cable identification           6 flag           Cable identification           6 flag           Cable identification           Agrova (cable)           U. (AWM-Style 2464/1731), CSA           Cable	<u> </u>	
Standards	• • • • • • • • • • • • • • • • • • • •	Diode/2-Diode
Mounting method         inserted, tightened           Material (contact)         Copper alloy           Material (contact surface)         MSUD (Ag); M8 (Au)           Material (gasket)         PUR           Pollution Degree         3           Temperature range         -25+85 °C, depending on cable quality           Cables           No./dameter of wires         3 × 0.34 mm²           Wire isolation         PVC (br. bl, bk)           Material (gacket)         PVC (UL/CSA)           Outer Ø         4.6 mm ±5%           Bend radius (moving)         10 × outer Ø           Temperature range (mobile)         -5+80 °C           Cable identification         613           Cable identification         613           Cable in Ype         1 (PVC)           Approval (cable)         UL (AWM-Style 2464/1731), CSA           Alproval (cable)         UL (AWM-Style 2464/1731), CSA           Alproval (core)         max. 60 0/km (20 °C)           Single wire Ø (core)         max. 60 0/km (20 °C)           Single wire Ø (core)         0.15 mm (multi-strand wire class 5)           AVIG         similar to AWG 22           Material (wire isolation)         CFC - cadmium -, silicone- and lead-free           Shore hardness (wire	General data	
Material (contact)         Copper alloy           Material (contact surface)         MSUD (Ag); M8 (Au)           Material (gasket)         PUR           Pollution Degree         3           Temperature range         -25+85 °C, depending on cable quality           Cables           No./diameter of wires         3 x 0.34 mm²           Wire isolation         PVC (br, bl, bk)           Material (jacket)         PVC (UL/CSA)           Outer Ø         4.6 mm ±5%           Bend radius (moving)         10 x outer Ø           Temperature range (fixed)         -50+80 °C           Cable indentification         613           Cable indentification         613           Cable weight [g/m]         34,10           Approval (cable)         UL (AWM-Style 2464/1731), CSA           Cable weight [g/m]         34,10           Material (wire)         Cu wire, bare           Resistor (core)         max. 60 Ω/km (20 °C)           Single wire Ø (core)         0.15 mm           Construction (core)         19 - 0.15 mm (multi-strand wire class 5)           AWG         similar to AWG 22           Material (wire isolation)         QFC, cadmium-, silicone- and lead-free           Shore hardness (wire isolation)         2F.	Standards	DIN EN 61076-2-104 (M8)
Material (contact surface)         MSUD (Ag); M8 (Au)           Material (gasket)         PUR           Pollution Degree         3           Temperature range         -25+85 °C, depending on cable quality           Cables           No./diameter of wires         3 × 0.34 mm²           Wire sloation         PVC (DL DSA)           Material (jacket)         PVC (ULICSA)           Outer Ø         4.6 mm ±5%           Bend radius (moving)         10 × outer Ø           Temperature range (fixed)         -30+80 °C           Temperature range (mobile)         -5+80 °C           Cable identification         613           Cable Type         1 (PVC)           Approval (cable)         UL (AWM-Style 2464/1731), CSA           Cable weight [g/m]         34.10           Material (wire)         Cu wire, bare           Resistor (core)         max. 60 Ω/km (20 °C)           Single wire Ø (core)         0.15 mm (multi-strand wire class 5)           AWG         similar to AWG 22           Material (wire isolation)         PVC           Material property (wire isolation)         CFC-, cadmium-, silicone- and lead-free           Shore hardness (wire isolation)         25.5 m± 56%           Wire-Ø incl. isolation	Mounting method	inserted, tightened
Material (gasket)         PUR           Pollution Degree         3           Temperature range         -25+85 °C, depending on cable quality           Cables           No./diameter of wires         3 × 0.34 mm²           Wire isolation         PVC (br, bl, bk)           Material (jacket)         PVC (UL/CSA)           Outer Ø         4.6 mm ±5%           Bend radius (moving)         10 × outer Ø           Temperature range (fixed)         -30+80 °C           Temperature range (fixed)         -30+80 °C           Cable identification         613           Cable distification         613           Cable weight [g/m]         34,10           Material (wire)         Cu wire, bare           Resistor (core)         max. 60 0/km (20 °C)           Single wire Ø (core)         0.15 mm           Construction (core)         19 × 0.15 mm (multi-strand wire class 5)           MAVG         similar to AWG 22           Material (wire isolation)         PVC           Material (wire isolation)         CFC-, cadmium-, silicone- and lead-free           Shore hardness (wire isolation)         45 ± 5 D           Wire-Ø incl. isolation         1.25 mm ±5%           Color/numbering of wires         br, bk, bl	Material (contact)	Copper alloy
Pollution Degree         3           Temperature range         -25+85 °C, depending on cable quality           Cables           No./diameter of wires         3 × 0.34 mm²           Wire isolation         PVC (br. bl, bk)           Material (jacket)         PVC (LL/CSA)           Outer Ø         4.6 mm ±5%           Bend radius (moving)         10 × outer Ø           Temperature range (flixed)         -30+80 °C           Temperature range (mobile)         -5+80 °C           Cable identification         613           Cable Type         1 (PVC)           Approval (cable)         UL (AWM-Style 2464/1731), CSA           Cable weight [g/m]         34,10           Material (wire)         Cu wire, bare           Resistor (core)         max. 60 0km (20 °C)           Single wire Ø (core)         0.15 mm (multi-strand wire class 5)           AWG         similar to AWG 22           Material (wire isolation)         CFC-, cadmium-, silicone- and lead-free           Shore hardness (wire isolation         1.25 mm ±5%           Color/numbering of wires         br. bk, bl           Stranding combination         3 wires twisted           Shield         no           Material (jacket)         PVC </td <td>Material (contact surface)</td> <td>MSUD (Ag); M8 (Au)</td>	Material (contact surface)	MSUD (Ag); M8 (Au)
Temperature range         -25+85 °C, depending on cable quality           Cables           No./diameter of wires         3 × 0.34 mm²           Wire isolation         PVC (pt, bl, bk)           Material (jacket)         PVC (UL/CSA)           Outer Ø         4.6 mm ±5%           Bend radius (moving)         10 × outer Ø           Temperature range (fixed)         -30+80 °C           Temperature range (mobile)         -5+80 °C           Cable identification         613           Cable identification         613           Cable identification         613           Cable weight [g/m]         34,10           Material (wire)         Ou wire, bare           Resistor (core)         max. 60 Ω/km (20 °C)           Single wire Ø (core)         0.15 mm           Construction (core)         19 × 0.15 mm (multi-strand wire class 5)           AWG         similar to AWG 22           Material (wire isolation)         PVC           Material (wire isolation)         PVC           Material property (wire isolation)         1.25 mm ±5%           Color/numbering of wires         br, bk, bl           Stranding combination         3 wires twisted           Shield         no           Ma	Material (gasket)	PUR
Cables           No./diameter of wires         3 × 0.34 mm²           Wire isolation         PVC (br, bl, bk)           Material (jacket)         PVC (UL/CSA)           Outer Ø         4.6 mm ±5%           Bend radius (moving)         10 × outer Ø           Temperature range (fixed)         -30+80 °C           Temperature range (mobile)         -5+80 °C           Cable identification         613           Cable type         1 (PVC)           Approval (cable)         UL (AWM-Style 2464/1731), CSA           Cable weight [g/m]         34.10           Material (wire)         Cu wire, barre           Resistor (core)         max. 60 Ω/km (20 °C)           Single wire Ø (core)         0.15 mm           Construction (core)         19 × 0.15 mm (multi-strand wire class 5)           AWG         similar to AWG 22           Material (wire isolation)         PVC           Material (vire isolation)         PVC           Material property (wire isolation)         CFC., cadmium-, silicone- and lead-free           Shore hardness (wire isolation)         3 wires twisted           Shield         no           Material (jacket)         PVC           Material (jacket)         CFC., cadmium-, silicone-	Pollution Degree	3
No./diameter of wires 3 x 0.34 mm²  Wire isolation PVC (br, bl, bk)  Material (jacket) PVC (UL/CSA)  Outer Ø 4.6 mm ±5%  Bend radius (moving) 10 x outer Ø  Temperature range (fixed) -30+80 °C  Temperature range (mobile) -5+80 °C  Cable identification 613  Cable Type 1 (PVC)  Approval (cable) UL (AWM-Style 2464/1731), CSA  Cable weight [g/m] 34,10  Material (wire) Cu wire, bare  Resistor (core) max. 60 Ω/km (20 °C)  Single wire Ø (core) 0.15 mm  Construction (core) 19 x 0.15 mm (multi-strand wire class 5)  AWG similar to AWG 22  Material (wire isolation) PVC  Material (wire isolation) 45 ±5 D  Wire-Ø incl. isolation 1.25 mm ±5%  Color/numbering of wires br, bk, bl  Stranding combination 3 wires twisted  Material (property (jacket) PVC  Material property (jacket) CFC-, cadmium-, silicone- and lead-free  Shore hardness (jacket) 85 ±5 A	Temperature range	-25+85 °C, depending on cable quality
Wire isolation         PVC (br, bl, bk)           Material (jacket)         PVC (UL/CSA)           Outer Ø         4.6 mm ±5%           Bend radius (moving)         10× outer Ø           Temperature range (fixed)         -30+80 °C           Temperature range (mobile)         -5+80 °C           Cable identification         613           Cable identification         613           Cable weight [g/m]         34,10           Material (wire)         Cu wire, bare           Resistor (core)         max. 60 Ω/km (20 °C)           Single wire Ø (core)         0.15 mm           Construction (core)         19x 0.15 mm (multi-strand wire class 5)           AWG         similar to AWG 22           Material (wire isolation)         PVC           Material property (wire isolation)         CFC, cadmium-, silicone- and lead-free           Shore hardness (wire isolation)         45 ± 5 D           Wire-Ø incl. isolation         1.25 mm ±5%           Color/numbering of wires         br, bk, bl           Stranding combination         3 wires twisted           Shield         no           Material (jacket)         PVC           Material property (jacket)         CFC-, cadmium-, silicone- and lead-free           Shor	Cables	
Wire isolation         PVC (br, bl, bk)           Material (jacket)         PVC (UL/CSA)           Outer Ø         4.6 mm ±5%           Bend radius (moving)         10× outer Ø           Temperature range (fixed)         -30+80 °C           Temperature range (mobile)         -5+80 °C           Cable identification         613           Cable identification         613           Cable weight [g/m]         34,10           Material (wire)         Cu wire, bare           Resistor (core)         max. 60 Ω/km (20 °C)           Single wire Ø (core)         0.15 mm           Construction (core)         19x 0.15 mm (multi-strand wire class 5)           AWG         similar to AWG 22           Material (wire isolation)         PVC           Material property (wire isolation)         CFC, cadmium-, silicone- and lead-free           Shore hardness (wire isolation)         45 ± 5 D           Wire-Ø incl. isolation         1.25 mm ±5%           Color/numbering of wires         br, bk, bl           Stranding combination         3 wires twisted           Shield         no           Material (jacket)         PVC           Material property (jacket)         CFC-, cadmium-, silicone- and lead-free           Shor	No /diameter of wires	3 v 0 34 mm <sup>2</sup>
Material (jacket)         PVC (ULCSA)           Outer Ø         4.6 mm ±5%           Bend radius (moving)         10× outer Ø           Temperature range (fixed)         -30+80 °C           Temperature range (mobile)         -5+80 °C           Cable identification         613           Cable Type         1 (PVC)           Approval (cable)         UL (AWM-Style 2464/1731), CSA           Cable weight [g/m]         34,10           Material (wire)         Cu wire, bare           Resistor (core)         max. 60 Q/km (20 °C)           Single wire Ø (core)         0.15 mm           Construction (core)         19× 0.15 mm (multi-strand wire class 5)           AWG         similar to AWG 22           Material (wire isolation)         PVC           Material property (wire isolation)         CFC-, cadmium-, silicone- and lead-free           Shore hardness (wire isolation)         45 ± 5 D           Wire-Ø incl. isolation         1.25 mm ±5%           Color/numbering of wires         br, bk, bl           Stranding combination         3 wires twisted           Material (jacket)         PVC           Material property (jacket)         CFC-, cadmium-, silicone- and lead-free           Shore hardness (jacket)         CFC-, cadmium-, si		
Outer Ø         4.6 mm ±5%           Bend radius (moving)         10× outer Ø           Temperature range (fixed)         -30+80 °C           Temperature range (mobile)         -5+80 °C           Cable identification         613           Cable Type         1 (PVC)           Approval (cable)         UL (AWM-Style 2464/1731), CSA           Cable weight [g/m]         34,10           Material (wire)         Cu wire, bare           Resistor (core)         max. 60 Ω/km (20 °C)           Single wire Ø (core)         0.15 mm           Construction (core)         19 × 0.15 mm (multi-strand wire class 5)           AWG         similar to AWG 22           Material (wire isolation)         PVC           Material property (wire isolation)         CFC-, cadmium-, silicone- and lead-free           Shore hardness (wire isolation)         45 ± 5 D           Wire-Ø incl. isolation         1.25 mm ±5%           Color/numbering of wires         br, bk, bl           Stranding combination         3 wires twisted           Material (jacket)         PVC           Material property (jacket)         CFC-, cadmium-, silicone- and lead-free           Shore hardness (jacket)         CFC-, cadmium-, silicone- and lead-free		· · · · /
Bend radius (moving)         10 × outer Ø           Temperature range (fixed)         -30+80 °C           Temperature range (mobile)         -5+80 °C           Cable identification         613           Cable Type         1 (PVC)           Approval (cable)         UL (AWM-Style 2464/1731), CSA           Cable weight [g/m]         34,10           Material (wire)         Cu wire, bare           Resistor (core)         max. 60 Ω/km (20 °C)           Single wire Ø (core)         0.15 mm           Construction (core)         19 × 0.15 mm (multi-strand wire class 5)           AWG         similar to AWG 22           Material (wire isolation)         PVC           Material property (wire isolation)         CFC-, cadmium-, silicone- and lead-free           Shore hardness (wire Isolation)         1.25 mm ±5%           Color/numbering of wires         br, bk, bl           Stranding combination         3 wires twisted           Shield         no           Material (jacket)         PVC           Material property (jacket)         CFC-, cadmium-, silicone- and lead-free           Shore hardness (jacket)         SE ±5 A		
Temperature range (fixed) -30+80 °C Temperature range (mobile) -5+80 °C Cable identification 613 Cable Type 1 (PVC) Approval (cable) UL (AWM-Style 2464/1731), CSA Cable weight [g/m] 34,10 Material (wire) Cu wire, bare max. 60 Ω/km (20 °C) Single wire Ø (core) 0.15 mm (multi-strand wire class 5) AWG Material (wire isolation) PVC Material (rore isolation) Wire-Ø incl. isolation 1.25 mm ±5% Color/numbering of wires bries Wires (sheet) Material (jacket) PVC Material (gacket) PVC Material (gacket) PVC Material (property (jacket) CFC-, cadmium-, silicone- and lead-free Shore hardness (jacket) 85 ±5 A		
Temperature range (mobile) -5+80 °C Cable identification 613 Cable Type 1 (PVC) Approval (cable) UL (AWM-Style 2464/1731), CSA Cable weight [g/m] 34,10 Cable weight [g/m] 34,10 Material (wire) Cu wire, bare Resistor (core) max. 60 Ω/km (20 °C) Single wire Ø (core) 0.15 mm Construction (core) 19× 0.15 mm (multi-strand wire class 5) AWG similar to AWG 22 Material (wire isolation) PVC Material property (wire isolation) 45 ±5 D Wire-Ø incl. isolation 1.25 mm ±5% Color/numbering of wires br, bk, bl Stranding combination 3 wires twisted Shield no Material (jacket) PVC Material (jacket) PVC Material property (jacket) CFC-, cadmium-, silicone- and lead-free	, •,	
Cable identification         613           Cable Type         1 (PVC)           Approval (cable)         UL (AWM-Style 2464/1731), CSA           Cable weight [g/m]         34,10           Material (wire)         Cu wire, bare           Resistor (core)         max. 60 Ω/km (20 °C)           Single wire Ø (core)         0.15 mm           Construction (core)         19× 0.15 mm (multi-strand wire class 5)           AWG         similar to AWG 22           Material (wire isolation)         PVC           Material property (wire isolation)         CFC-, cadmium-, silicone- and lead-free           Shore hardness (wire isolation)         1.25 mm ±5%           Color/numbering of wires         br, bk, bl           Stranding combination         3 wires twisted           Shield         no           Material (jacket)         PVC           Material property (jacket)         CFC-, cadmium-, silicone- and lead-free           Shore hardness (jacket)         85 ±5 A		
Cable Type         1 (PVC)           Approval (cable)         UL (AWM-Style 2464/1731), CSA           Cable weight [g/m]         34,10           Material (wire)         Cu wire, bare           Resistor (core)         max. 60 Ω/km (20 °C)           Single wire Ø (core)         0.15 mm           Construction (core)         19× 0.15 mm (multi-strand wire class 5)           AWG         similar to AWG 22           Material (wire isolation)         PVC           Material property (wire isolation)         CFC-, cadmium-, silicone- and lead-free           Shore hardness (wire isolation)         45 ±5 D           Wire-Ø incl. isolation         1.25 mm ±5%           Color/numbering of wires         br, bk, bl           Stranding combination         3 wires twisted           Shield         no           Material (jacket)         PVC           Material property (jacket)         CFC-, cadmium-, silicone- and lead-free           Shore hardness (jacket)         85 ±5 A		
Approval (cable)         UL (AWM-Style 2464/1731), CSA           Cable weight [g/m]         34,10           Material (wire)         Cu wire, bare           Resistor (core)         max. 60 Ω/km (20 °C)           Single wire Ø (core)         0.15 mm           Construction (core)         19× 0.15 mm (multi-strand wire class 5)           AWG         similar to AWG 22           Material (wire isolation)         PVC           Material property (wire isolation)         CFC-, cadmium-, silicone- and lead-free           Shore hardness (wire isolation)         45 ±5 D           Wire-Ø incl. isolation         1.25 mm ±5%           Color/numbering of wires         br, bk, bl           Stranding combination         3 wires twisted           Shield         no           Material (jacket)         PVC           Material property (jacket)         CFC-, cadmium-, silicone- and lead-free           Shore hardness (jacket)         85 ±5 A		
Cable weight [g/m]       34,10         Material (wire)       Cu wire, bare         Resistor (core)       max. 60 Ω/km (20 °C)         Single wire Ø (core)       0.15 mm         Construction (core)       19× 0.15 mm (multi-strand wire class 5)         AWG       similar to AWG 22         Material (wire isolation)       PVC         Material property (wire isolation)       CFC-, cadmium-, silicone- and lead-free         Shore hardness (wire isolation)       45 ±5 D         Wire-Ø incl. isolation       1.25 mm ±5%         Color/numbering of wires       br, bk, bl         Stranding combination       3 wires twisted         Shield       no         Material (jacket)       PVC         Material property (jacket)       CFC-, cadmium-, silicone- and lead-free         Shore hardness (jacket)       85 ±5 A		, ,
Material (wire)       Cu wire, bare         Resistor (core)       max. 60 Ω/km (20 °C)         Single wire Ø (core)       0.15 mm         Construction (core)       19× 0.15 mm (multi-strand wire class 5)         AWG       similar to AWG 22         Material (wire isolation)       PVC         Material property (wire isolation)       CFC-, cadmium-, silicone- and lead-free         Shore hardness (wire isolation)       45 ±5 D         Wire-Ø incl. isolation       1.25 mm ±5%         Color/numbering of wires       br, bk, bl         Stranding combination       3 wires twisted         Shield       no         Material (jacket)       PVC         Material property (jacket)       CFC-, cadmium-, silicone- and lead-free         Shore hardness (jacket)       85 ±5 A		
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Single wire Ø (core)  O.15 mm  Construction (core)  19× 0.15 mm (multi-strand wire class 5)  AWG  similar to AWG 22  Material (wire isolation)  PVC  Material property (wire isolation)  CFC-, cadmium-, silicone- and lead-free  Shore hardness (wire isolation)  45 ±5 D  Wire-Ø incl. isolation  1.25 mm ±5%  Color/numbering of wires  br, bk, bl  Stranding combination  3 wires twisted  Shield  no  Material (jacket)  PVC  Material property (jacket)  CFC-, cadmium-, silicone- and lead-free  Shore hardness (jacket)  85 ±5 A	, ,	·
Construction (core) 19× 0.15 mm (multi-strand wire class 5)  AWG similar to AWG 22  Material (wire isolation) PVC  Material property (wire isolation) CFC-, cadmium-, silicone- and lead-free  Shore hardness (wire isolation) 45 ±5 D  Wire-Ø incl. isolation 1.25 mm ±5%  Color/numbering of wires br, bk, bl  Stranding combination 3 wires twisted  Shield no  Material (jacket) PVC  Material property (jacket) CFC-, cadmium-, silicone- and lead-free  Shore hardness (jacket) 85 ±5 A		
AWG similar to AWG 22  Material (wire isolation) PVC  Material property (wire isolation) CFC-, cadmium-, silicone- and lead-free  Shore hardness (wire isolation) 45 ±5 D  Wire-Ø incl. isolation 1.25 mm ±5%  Color/numbering of wires br, bk, bl  Stranding combination 3 wires twisted  Shield no  Material (jacket) PVC  Material property (jacket) CFC-, cadmium-, silicone- and lead-free  Shore hardness (jacket) 85 ±5 A		
Material (wire isolation)  PVC  Material property (wire isolation)  CFC-, cadmium-, silicone- and lead-free  Shore hardness (wire isolation)  45 ±5 D  Wire-Ø incl. isolation  1.25 mm ±5%  Color/numbering of wires  br, bk, bl  Stranding combination  3 wires twisted  Shield  no  Material (jacket)  PVC  Material property (jacket)  PVC  Material property (jacket)  Shore hardness (jacket)  85 ±5 A		19× 0.15 mm (multi-strand wire class 5)
Material property (wire isolation)  CFC-, cadmium-, silicone- and lead-free  Shore hardness (wire isolation)  45 ±5 D  Wire-Ø incl. isolation  1.25 mm ±5%  Color/numbering of wires  br, bk, bl  Stranding combination  3 wires twisted  Shield  no  Material (jacket)  PVC  Material property (jacket)  CFC-, cadmium-, silicone- and lead-free  Shore hardness (jacket)  85 ±5 A	AWG	similar to AWG 22
Shore hardness (wire isolation)  45 ±5 D  Wire-Ø incl. isolation  1.25 mm ±5%  Color/numbering of wires  br, bk, bl  Stranding combination  3 wires twisted  Shield  no  Material (jacket)  PVC  Material property (jacket)  CFC-, cadmium-, silicone- and lead-free  Shore hardness (jacket)  85 ±5 A	Material (wire isolation)	PVC
Shore hardness (wire isolation)  45 ±5 D  Wire-Ø incl. isolation  1.25 mm ±5%  Color/numbering of wires  br, bk, bl  Stranding combination  3 wires twisted  Shield  no  Material (jacket)  PVC  Material property (jacket)  CFC-, cadmium-, silicone- and lead-free  Shore hardness (jacket)  85 ±5 A		CFC-, cadmium-, silicone- and lead-free
Wire-Ø incl. isolation  1.25 mm ±5%  Color/numbering of wires  br, bk, bl  Stranding combination  3 wires twisted  Shield  no  Material (jacket)  PVC  Material property (jacket)  CFC-, cadmium-, silicone- and lead-free  Shore hardness (jacket)  85 ±5 A		
Color/numbering of wires br, bk, bl  Stranding combination 3 wires twisted  Shield no  Material (jacket) PVC  Material property (jacket) CFC-, cadmium-, silicone- and lead-free  Shore hardness (jacket) 85 ±5 A		
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Material (jacket)  Material (jacket)  PVC  Material property (jacket)  CFC-, cadmium-, silicone- and lead-free  Shore hardness (jacket)  85 ±5 A		
Material property (jacket)  CFC-, cadmium-, silicone- and lead-free  Shore hardness (jacket)  85 ±5 A		
Shore hardness (jacket) 85 ±5 A		
	Outer-Ø (jacket)	4.6 mm ±5%

The information in this brochure has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 03/22



Color (jacket)	black
chemical resistance	good resistance to oil, gasoline and chemicals
thermal resistance	flame retardant UL 1581 VW1 / CSA FT1
Nominal voltage	UL 300 V AC
Test voltage	2000 V AC
Current load capacity	to DIN VDE 0298-4
Temperature range (fixed)	-30+80 °C
Temperature range (mobile)	-5+80 °C
Bend radius (fixed)	5× outer Ø
Bend radius (moving)	10× outer Ø
Jacket Color	black
Commercial data	
country of origin	CZ
customs tariff number	85444290
EAN	4048879118644
eClass	27279218
Packaging unit	1