

## M12 female 0° with cable

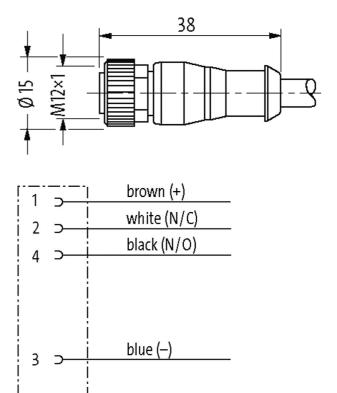
PVC 4x0.34 bk UL/CSA 10m

Female straight M12, 4-pole with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

## Link to Product

Illustration





Product may differ from Image

	* only for products with UL/CSA approved cable	cCSAus	
Listed			
Form			
Form	12221		
Technical Data			

Murrelektronik GmbH | Falkenstraße 3 | 71570 Oppenweiler | Fon +49 (71 91) 47-0 | Fax +49 (71 91) 47-491000 | shop@murrelektronik.com | shop.murrelektronik.com



Operating ov/stage (or/y UL issof)Na. 30 Y ACDCAndar surg voltage25 YOperating current per contactmax. 4 AMaterial groupsIC 00064 1, catagory 1CodingA-ocidaLocking of partsSow thread (M12.1 mm) recommended torque 0.8 Nm, self-securingCompension glandM12 (SW13)PreactionIPE6, IPE6 (NPE / Inserted and tightened (EN 60529)Locking materialZoe die casting, matte nickel pistedMaterial groups10 mmCompension glandIPE6, IPE6, IPE6 / Inserted and tightened (EN 60529)Locking materialZoe die casting, matte nickel pistedMaterialZoe die casting, matte nickel pistedMaterialZoe die casting, matte nickel pistedConcentrationPURConcentrationSol and 2ConcentrationSol and	Operating voltage	max. 250 V AC/DC
Operating current per contact     max. 4 A       Material group     IEC 6006-1, category 1       Cading     A-coded       Locking of ports     Screw bread (M12-1 mm) recommended torque 0.6 Nm, self-securing       Compression gland     M12 (SW13)       Protection     IP66, IP67 Inserted and tophterned (EN 60529)       Locking material     Zm dia casking, matte nickel plated       Material     PUR       satable for corrugated tube (internal 6)     10 mm       Consort data     Standards       Standards     DNE NS 1076-2-101 (M12)       Pollution Dargre     3       Temporature range     25485 *C, depending on cable quality       Cable     VC (UL/CSA)       Outer 0     5.0 mm 5%       Band radius (moving)     10 - cutor 0       Temporature range (Incel)     -080 *C       Cable Type     1 (PVC)       Approval (Locking (Inbil)     -680 *C       Cable Type     1 (PVC)       Approval (Lobil)     UL (LWM Style 246417231), CSA       Cable Infrage     UL (WM Style 246417231), CSA       Cable Infrage     UL (WM Style 246417231), CSA <tr< td=""><td>Operating voltage (only UL listed)</td><td>max. 30 V AC/DC</td></tr<>	Operating voltage (only UL listed)	max. 30 V AC/DC
Matrial group     IEC 60684-1, category I       Coding     A coded       Coding opto     Scrow Pread (MI2-1 mm) recommended longue 0.6 Nm, solf accuring       Compression gland     M12 (SW13)       Pretection     IP65, IP6K, IP67 instrated and tightened [EN 60529)       Locking material     Zno di cacasim, matte nickel planed       Material     PUR       suitable to corrugated tabo (internal 6)     10 mm       Ceneral data     Exercited acting, matte nickel planed       Standards     DIN EN 61076-2-101 (M12)       Polition Degree     3       Temperature range     -25+85 °C, depending on cable quality       Cober     Cober       No.diamotor of wiros     4 × 0.34 mm²       Wire isolation     PVC (Dr. wh, b), b)       Material (acking)     PVC (Dr. (N, b), CSA)       Outer Ø     5.0 mm 45%       Bend radius (moving)     10 × cuare Ø       Temperature range (mobile)     -5+40 °C       Cable Type     1 (PVC)       Approval (cable)     UL (XWM-Swje 2464/1731), CSA       Cable Type     1 (PVC)       Approval (cable)     UL (XWM-Swje 2464/1731), CSA<	Rated surge voltage	2.5 kV
Odding     A coded       Locking of ports     Sorw firead (M12-1 mm) recommended torque 0.6 Nm, self-securing       Compression gland     M12 (SW13)       Protection     IP65, IP66K, IP67 inserted and tightened (EN 60529)       Locking material     Zine die casting, matte nickel plaited       Matarial     PUB       saltable for corrugated table (internal 0)     10 mm       Ceneral dta     Standards       Standards     DIN the 61076-2-101 (M12)       Pollution Degree     3       Temperature range     -25r455 "C, depending on cable quality       Cables     No.Cliameter of wires     4 u 0.34 mm²       Wire Isolation     PVC (Dr, wh. bi, bk)       Material (jacket)     PVC (ULCSA)       Quar Ø     5 mm 35%       Bend radus (moving)     10 - outer Ø       Temperature range (mobile)     -5elo "C       Cable Information     614       Cable Type     1 (PVC)       Approval (cable)     U, I(AWA Shyle 2464/1731), CSA       Cable View     NG (AMM R20 *C)       Single wire Ø (core)     115 mm       Cable Kopin     10, PVC  <	Operating current per contact	max. 4 A
Loking of ports     Bcrew thread (M12-1 mm) recommended larque 0.6 Nm, self-securing       Compression gland     M12 (SW13)       Protection     IP66, IP66 / Refer and Ighterned (EN 60529)       Loking material     Zin cite casting, mate nickel plated       Material     PUR       subble for corrugated tube (internal 0)     10 mm       Ceneral data     DIN EN 61076-2-101 (M12)       Pollution Degree     3       Tamperature range     -25458 °C, depending on cable quality       Cables     -       No./Slameter of twins     4 - 0.34 mm²       Weire isolation     PVC (ULCSA)       Cable Good     5 mm a5%       Bend radius (moving)     10 - 0.48 °C       Temperature range (mobile)     -5480 °C       Cable Good (fable)     UL (AWX-Style 2464/1731), CSA       Cable ropping (fgm)     40.024 mm²       Cable ropping (fgm)     40.02       Cable ropping (fgm)     40.02       Cable ropping (fgm)     40.02	Material group	IEC 60664-1, category I
Compression gland     M12 (SW13)       Protection     IP65, IP66K, IP67 inserted and tightened (EN 60529)       Locking material     Zin 0 do casaing, matte mickel plated       Material     PUR       suitable for corrugated lube (internal 0)     10 mm       Ceneral data     Standards       Standards     DIN EN 61076-2-101 (M12)       Pollution Degree     3       Temperature range     -25465 *C, depending on cable quality       Cables     No.clameter of wires       No.clameter of wires     4.0.34 mm²       Wire isolation     PVC (ULCSA)       Odar 0     5.0 mm	Coding	A-coded
Protection     IP-65, IP-66K, IP-7 inserted and tightened (EN 68529)       Locking material     Zinc die casting, matte nickel plated       Material     PUR       aultable for corrugated tube (internal Ø)     10 mm       Ceneral data     DIN EN 1676-2-101 (M12)       Pollution Degree     3       Temperature range     25,-455 °C, depending on cable quality       Cable     Voltameter of wires       Vier isolation     PVC (br, wh, bi, bk)       Material (acken)     PVC (ULCSA)       Outer Ø     5.0 mm 15%.       Bend radius (rowing)     10. outer Ø       Temperature range (mobile)     -5,-480 °C       Cable identification     614       Cable Type     1 (PVC)       Approval (cable)     UL (AWA-Shyle 2464/1731, CSA       Cable rowing (mobile)     0. cable rowing       Gable roying (mobile)     19. outer Ø       Restard (rowing)     40.070       Material (wrie)     Ca wire, bare       Restard (rowing)     19. ol 5 mm (multi-strand wire class 5)       Single wire Ø (core)     0.15 mm       Gradium consteros (wire isolation)     45.0 D  <	Locking of ports	Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing
Looking material     Zinc die casing, mate nickel plated       Material     PUR       suitable for corrugated tube (internal Ø)     10 mm       Ceneral dats     DIN EN 61076-2-101 (M12)       Standards     DIN EN 61076-2-101 (M12)       Pollution Degree     3       Temperature range     -25485 °C, depending on cable quality       Cables     Voldametor of wires       No.diametor of wires     4 × 0.34 mm <sup>2</sup> Wire isolation     PVC (br. wh, bl. bk)       Material (ackat)     PVC (br. wh, bl. bk)       Temperature range (incoli)     -560 °C       Temperature range (incoli)     -560 °C       Cable (ackation     614       Cable (action for for     614       Cable (action for for     614       Cable weight (pm)     40.70       Material (wire)     Cu wire, bare       Resider (core)     ma.c60 Rol Rok (20 °C)       Single wir	Compression gland	M12 (SW13)
Material     PUR       suitable for corrugated tube (internal (0)     10 mm       General data     INE N6 1076-2:101 (M12)       Pollution Degree     3       Temperature range     -25485 °C, depending on cable quality       Cable     International Control (Control (Contro) (Control (Control (Contro) (Control (Contro) (Contr	Protection	IP65, IP66K, IP67 inserted and tightened (EN 60529)
suitable for corrugated lube (internal Ø)     10 mm       General data     DNL EN 61076-2-101 (M12)       Pollution Degree     3       Pollution Degree     3       Cables     -25455 °C, depending on cable quality       Cables     No./diameter of Wres       No./diameter of Wres     4 × 0.34 mm <sup>8</sup> Wire isolation     PVC (br, wh, bl, bk)       Material (jacket)     PVC (ULCSA)       Outer Ø     5.0 mm ±5%       Bend radius (moving)     10 × outer Ø       Temperature range (fixed)     -30e80 °C       Cable Topp     1 (PVC)       Approval (cable)     UL (AVMM-Skyle 2464/731), CSA       Cable Topp     1 (PVC)       Approval (cable)     UL (AVMM-Skyle 2464/731), CSA       Cable Topp     0.0 wire, bare       Resistor (core)     max. 60 Dkm (20 °C)       Single wire Ø (core)     0.15 mm       Construction (core)     19 × 0.15 mm (multi-strand wire class 5)       Diameter (wire isolation)     45 ± 5 D       Wire Ø (core)     0.43 4 mm <sup>2</sup> AWG     simar to AWG 22       Material wire vire isolation)     <	Locking material	Zinc die casting, matte nickel plated
Ceneral data     DIN EN 61076-2-101 (M12)       Standards     DIN EN 61076-2-101 (M12)       Pollution Degree     3       Temperature range     -25+85 °C, depending on cable quality       Cables     ************************************	Material	PUR
Standards     DN EN 61076-2-101 (M12)       Pollution Degree     3       Temperature range     -25485 °C, depending on cable quality       Cables       Na./diameter of wires     4 × 0.34 mm <sup>2</sup> Wire isolation     PVC (br, wh, bl, bk)       Material (jacket)     PVC (br, wh, bl, bk)       Bend radius (moving)     10 × outer 0       Temperature range (mobile)     -5+80 °C       Cable (ford)     -5+80 °C       Cable (ford)     1 (PVC)       Approval (cable)     UL (AVMA-Style 2464/1731), CSA       Cable weight [gm]     40.70       Material (wire)     Cu wire, bare       Resistor (core)     max	suitable for corrugated tube (internal Ø)	10 mm
Pollution Degree     3       Temperature range     -25+85 °C, depending on cable quality       Cable     ************************************	General data	
Temperature range   -25455 °C, depending on cable quality     Cables     No./diameter of wires   4 × 0.34 mm²     Wire isolation   PVC (br, wh, bl, bk)     Material (jacket)   PVC (br, wh, bl, bk)     Material (jacket)   PVC (br, wh, bl, bk)     Bend radius (moving)   10× outer Ø     Temperature range (fixed)   -30480 °C     Temperature range (mobile)   -5+80 °C     Cable dentification   614     Cable day   (LAWM-Syb) 2464/1731), CSA     Cable veight [g/m]   40, 70     Material (wire)   CL wire, bare     Resistor (core)   max. 80 Ωkm (20 °C)     Single wire Ø (core)   0.15 mm     Construction (core)   19× 0.15 mm (multi-strand wire class 5)     Diameter (core)   4× 0.34 mm²     AWG   similar to AWG 22     Material (wire isolation)   FVC     Material (wire isolation)   CFC-, cadmium-, silicone- and lead-free     Store hardness (wire isolation)   45 ± 5 D     Wire Jonici. Isolation   1.25 mm ±5%     Color/numbering of wires   br, bk, bl, wh     Stranding combination   4 wires wisted  <	Standards	DIN EN 61076-2-101 (M12)
Temperature range   -25455 °C, depending on cable quality     Cables     No./diameter of wires   4 × 0.34 mm²     Wire isolation   PVC (br, wh, bl, bk)     Material (jacket)   PVC (br, wh, bl, bk)     Material (jacket)   PVC (br, wh, bl, bk)     Bend radius (moving)   10× outer Ø     Temperature range (fixed)   -30480 °C     Temperature range (mobile)   -5+80 °C     Cable dentification   614     Cable day   (LAWM-Syb) 2464/1731), CSA     Cable veight [g/m]   40, 70     Material (wire)   CL wire, bare     Resistor (core)   max. 80 Ωkm (20 °C)     Single wire Ø (core)   0.15 mm     Construction (core)   19× 0.15 mm (multi-strand wire class 5)     Diameter (core)   4× 0.34 mm²     AWG   similar to AWG 22     Material (wire isolation)   FVC     Material (wire isolation)   CFC-, cadmium-, silicone- and lead-free     Store hardness (wire isolation)   45 ± 5 D     Wire Jonici. Isolation   1.25 mm ±5%     Color/numbering of wires   br, bk, bl, wh     Stranding combination   4 wires wisted  <		
Cables       No. diameter of wires     4 × 0.34 mm <sup>2</sup> Wire isolation     PVC (br, wh, bl, bk)       Material (jacket)     PVC (UL/SA)       Outer 0     5.0 mm ±5%       Bend radius (moving)     10 × outer 0       Temperature range (fixed)     -50480 °C       Cable identification     614       Cable formification     614       Cable formification     614       Cable formification     614       Cable formification     614       Cable weight [gm]     40.70       Material (wire)     Cu wire, bare       Resistor (core)     max. 60 Ωkm (20 °C)       Single wire Ø (core)     0.15 mm       Construction (core)     19× 0.15 mm (multi-strand wire class 5)       Diameter (core)     4× 0.34 mm <sup>2</sup> AWG     similar to AWG 22       Material (wire isolation)     PVC       Wire-Øinci. Isolation     1.25 mm ±5%       Colorinumbering of wires     br, bk, bl, wh       Stranding combination     4 vires wisked       Stranding combination     4 wires wisked       Striel     0.0 m ±5% <td></td> <td></td>		
No./diameter of wires4 x 0.34 mm³Wire isolationPVC (br, wh, bl, bk)Material (jacket)PVC (UL/CSA)Outer Ø5.0 mm ±5%Bend radius (moving)10× outer ØTemperature range (fixed)-30480 °CCable identification614Cable identification614Cable identification614Cable identification0.1 (PVC)Approval (cable)UL (AWM-Sbyle 2464/1731), CSACable veight [g/m]40.70Material (wire)Cu wire, bareResistor (core)max. 60 Qkm (20 °C)Single wire Ø (core)19 × 0.15 mm (multi-strant wire class 5)Diameter (core)19 × 0.34 mm²AWGsimilar to AWG 22Material (wire isolation)PVCMaterial (poperty (wire isolation)125 mm ±5%Color(murbering of wiresbr, bk, bl, whStranding combination4 wires twistedStranding combination4 st 5 AOuter-Ø (jacket)5.0 mm ±5%Color (jacket)5.0 mm ±5%		
Wire isolationPVC (br, wh, bl, bk)Material (jacket)PVC (UL/CSA)Outer Ø5.0 mm ±5%Bend radius (moving)10× outer ØTemperature range (fixed)-30+80 ° CCable identification614Cable identification614Cable identification614Cable identification614Cable velge (fig/m)40,70Material (wire)Cu wire, bareResistor (core)max. 60 Ωkm (20 °C)Single wire Ø (core)0.15 mmConstruction (core)19× 0.15 mm (multi-strand wire class 5)Diameter (core)4× 0.34 mm²AWGsimilar to AWG 22Material (wire isolation)CFC-, cadmium-, silicone- and lead-freeShore hardness (wire isolation)4 sits 5 DWire-Ø incl. isolation125 mm ±5%Color/unumbering of wiresbr, bk, bl, whStranding combination4 wires twistedShore hardness (idek)PVCMaterial (jacket)PVCMaterial igroperty (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)85 ± 5 AOuter Ø (jacket)St ± 5 AOuter Ø (jacket)50 mm ±5%Color (jacket)blackohering are sistancegood resistance to oil, gasoline and chemicals		
Material (jacket)     PVC (ULCSA)       Ouler Ø     5.0 mm ±5%       Bend radius (moving)     10× ouler Ø       Temperature range (fixed)     -30+80 °C       Cable identification     614       Cable weight (g/m)     40.70       Material (wire)     Cu wire, bare       Resistor (core)     max. 60 Ωkm (20 °C)       Single wire Ø (core)     0.15 mm       Construction (core)     19× 0.15 mm (multi-strand wire class 5)       Dlameter (core)     4× 0.34 mm²       AWG     similar to AWG 22       Material (wire isolation)     PVC       Material (wire isolation)     2.5 D       Wire-Ø ind. isolation     1.25 mm ±5%       Calorinumbering of wires     br, bk, bl, wh       Stranding combination     4 wires twisted       Shield     no       Material (jacket)     PVC       Material (jacket)     PVC       Material (jacket)     PVC		
Outer Ø     5.0 mm ±5%       Bend radius (moving)     10× outer Ø       Temperature range (fixed)     -30480 °C       Cable identification     614       Cable identification     614       Cable Type     1 (PVC)       Approval (cable)     UL (AWM-Style 2464/1731), CSA       Cable weight [g/m]     40,70       Material (wire)     Cu wire, bare       Resistor (core)     max. 60 Ωkm (20 °C)       Single wire Ø (core)     0.15 mm       Construction (core)     19× 0.15 mm (multi-strand wire class 5)       Diameter (core)     4× 0.34 mm²       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%       Colorhumbering of wires     br, bk, bl, wh       Stranding combination     4 wires twisted       Shield     no       Material (acket)     QFC-, cadmium-, silicone- and lead-free       Shield     no       Material (acket)     <		
Bend radius (moving)     10× outer Ø       Temperature range (fixed)     -30+80 °C       Temperature range (mobile)     -5+80 °C       Cable identification     614       Cable Type     1 (PVC)       Approval (cable)     UL (AWM-Style 2464/1731), CSA       Cable weight [g/m]     40,70       Material (wire)     Cu wire, bare       Resistor (core)     max. 60 Ωkm (20 °C)       Single wire Ø (core)     0.15 mm       Construction (core)     19× 0.15 mm (multi-strand wire class 5)       Diameter (core)     4× 0.34 mm²       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, wh       Stranding combination     4 wires twisted       Shield     no       Material (gacket)     PVC       Material property (gacket)     CFC-, cadmium-, silicone- and lead-free       Shore hardness (jacket)     8 ± 5.5 A		
Temperature range (fixed)     -30+80 °C       Temperature range (mobile)     -5+80 °C       Cable identification     614       Cable identification     614       Cable identification     1(PVC)       Approval (cable)     UL (AWM-Style 2464/1731), CSA       Cable weight [g/m]     40,70       Material (wire)     Cu wice, bare       Resistor (core)     max. 60 Qkm (20 °C)       Single wire Ø (core)     0.15 mm       Construction (core)     19× 0.15 mm (multi-strand wire class 5)       Diameter (core)     4× 0.34 mm²       AWG     similar to AWG 22       Material (wire isolation)     PVCC       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, wh       Stranding combination     4 wires twisted       Shield     no       Material property (jacket)     CFC-, cadmium-, silicone- and lead-free       Shield     no       Material property (jacket)     CFC-, cadmium-, silicone- and lea		
Temperature range (mobile)-5+80 °CCable identification614Cable identification614Cable Type1 (PVC)Approval (cable)UL (AWM-Style 2464/1731), CSACable weight [g/m]40,70Material (wire)Cu wire, bareResistor (core)max. 60 Q/km (20 °C)Single wire Ø (core)0.15 mmConstruction (core)19× 0.15 mm (multi-strand wire class 5)Diameter (core)4× 0.34 mm²AWGsimilar to AWG 22Material (wire isolation)PVCMaterial (wire isolation)CFC-, cadnium-, silicone- and lead-freeShore hardness (wire isolation)45 ±5 DWire-Ø incl. isolation1.25 mm ±5%Color/humbering of wiresbr, bk, bl, whStranding combination4 wires twistedShieldnoMaterial (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShieldnoMaterial (jacket)PVCMaterial (jacket)S5 ±5 AOuter-Ø (jacket)S5 ±5 AOuter-Ø (jacket)blackColor (jacket)blackchemical resistancegood resistance to oil, gasoline and chemicals		
Cable identification614Cable Type1 (PVC)Approval (cable)UL (AWM-Style 2464/1731), CSACable weight [g/m]40,70Material (wire)Cu wire, bareResistor (core)max. 60 Ωkm (20 °C)Single wire Ø (core)0.15 mmConstruction (core)19× 0.15 mm (multi-strand wire class 5)Diameter (core)4× 0.34 mm²AWGsimilar to AWG 22Material (wire isolation)PVCMaterial property (wire isolation)CFC-, cadmium-, silicone- and lead-freeShore hardness (wire isolation)45 ±5 DWire-Ø incl. isolation1.25 mm ±5%Color/numbering of wiresbr, bk, bl, whStranding combination4 wires twistedShieldnoMaterial (jacket)PVCMaterial (jacket)CFC-, cadmium-, silicone- and lead-freeStore hardness (jacket)5.5 AOuter-Ø (jacket)S.6 mm ±5%Color (jacket)5.0 mm ±5%Color (jacket)blackchemical resistancegood resistance to oil, gasoline and chemicals		
Cable Type1 (PVC)Approval (cable)UL (AWM-Style 2464/1731), CSACable weight [g/m]40,70Material (wire)Cu wire, bareResistor (core)max. 60 Ω/km (20 °C)Single wire Ø (core)0.15 mmConstruction (core)19 × 0.15 mm (multi-strand wire class 5)Diameter (core)4 × 0.34 mm²AWGsimilar to AWG 22Material (wire isolation)PVCMaterial (wire isolation)CFC-, cadmium-, silicone- and lead-freeShore hardness (wire isolation)45 ±5 DOolor/numbering of wiresbr, bk, bl, whStranding combination4 wires twistedShieldnoMaterial (jacket)PVCMaterial (acket)S5 ±5 AOuter-Ø (jacket)5.0 mm ±5%Color (jacket)blackchemical resistancegood resistance to oil, gasoline and chemicals		
Approval (cable)UL (AWM-Style 2464/1731), CSACable weight [g/m]40,70Material (wire)Cu wire, bareResistor (core)max. 60 Ωkm (20 °C)Single wire Ø (core)0.15 mmConstruction (core)19× 0.15 mm (multi-strand wire class 5)Diameter (core)4× 0.34 mm²AWGsimilar to AWG 22Material (wire isolation)PVCMaterial property (wire isolation)CFC-, cadmium-, silicone- and lead-freeShore hardness (wire isolation)1.25 mm ±5%Color/numbering of wiresbr, bk, bl, whStranding combination4 wires twistedShieldnoMaterial (jacket)PVCMaterial (jacket)85 ±5 AOuter-Ø (jacket)5.0 mm ±5%Color (jacket)5.0 mm ±5%Color (jacket)blackchemical resistancegood resistance to oil, gasoline and chemicals		
Cable weight [g/m]40,70Material (wire)Cu wire, bareResistor (core)max. 60 Ωkm (20 °C)Single wire Ø (core)0.15 mmConstruction (core)19× 0.15 mm (multi-strand wire class 5)Diameter (core)4× 0.34 mm²AWGsimilar to AWG 22Material (wire isolation)PVCMaterial property (wire isolation)CFC-, cadmium-, silicone- and lead-freeShore hardness (wire isolation)45 ±5 DWire-Ø incl. isolation1.25 mm ±5%Color/numbering of wiresbr, bk, bl, whStranding combination4 wires twistedShieldnoMaterial (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)85 ±5 AOuter-Ø (jacket)5.0 mm ±5%Color (jacket)blackchemical resistancegood resistance to oil, gasoline and chemicals		
Material (wire)Cu wire, bareResistor (core)max. 60 Ω/km (20 °C)Single wire Ø (core)0.15 mmConstruction (core)19× 0.15 mm (multi-strand wire class 5)Diameter (core)4× 0.34 mm²AWGsimilar to AWG 22Material (wire isolation)PVCMaterial property (wire isolation)CFC-, cadmium-, silicone- and lead-freeShore hardness (wire isolation)45 ± 5 DWire-Ø incl. isolation1.25 mm ±5%Color/numbering of wiresbr, bk, bl, whStranding combination4 wires twistedShieldnoMaterial (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)85 ± 5 AOuter-Ø (jacket)5.0 mm ±5%Color (jacket)blackchemical resistancegood resistance to oil, gasoline and chemicals		
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Single wire Ø (core)0.15 mmConstruction (core)19× 0.15 mm (multi-strand wire class 5)Diameter (core)4× 0.34 mm²AWGsimilar to AWG 22Material (wire isolation)PVCMaterial property (wire isolation)CFC-, cadmium-, silicone- and lead-freeShore hardness (wire isolation)45 ±5 DWire-Ø incl. isolation1.25 mm ±5%Color/numbering of wiresbr, bk, bl, whStranding combination4 wires twistedShieldnoMaterial (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)85 ±5 AOuter-Ø (jacket)5.0 mm ±5%Color (jacket)blackchemical resistancegood resistance to oil, gasoline and chemicals	· · ·	
Construction (core)19× 0.15 mm (multi-strand wire class 5)Diameter (core)4× 0.34 mm²AWGsimilar to AWG 22Material (wire isolation)PVCMaterial property (wire isolation)CFC-, cadmium-, silicone- and lead-freeShore hardness (wire isolation)45 ± 5 DWire-Ø incl. isolation1.25 mm ±5%Color/numbering of wiresbr, bk, bl, whStranding combination4 wires twistedShieldnoMaterial (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)85 ± 5 AOuter-Ø (jacket)5.0 mm ± 5%Color (jacket)blackchemical resistancegood resistance to oil, gasoline and chemicals	Resistor (core)	max. 60 Ω/km (20 °C)
Diameter (core)4 × 0.34 mm²AWGsimilar to AWG 22Material (wire isolation)PVCMaterial property (wire isolation)CFC-, cadmium-, silicone- and lead-freeShore hardness (wire isolation)45 ±5 DWire-Ø incl. isolation1.25 mm ±5%Color/numbering of wiresbr, bk, bl, whStranding combination4 wires twistedShieldnoMaterial (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)85 ±5 AOuter-Ø (jacket)5.0 mm ±5%Color (jacket)blackcolor (jacket)blackcolor (jacket)black	Single wire Ø (core)	0.15 mm
AWGsimilar to AWG 22Material (wire isolation)PVCMaterial property (wire isolation)CFC-, cadmium-, silicone- and lead-freeShore hardness (wire isolation)45 ±5 DWire-Ø incl. isolation1.25 mm ±5%Color/numbering of wiresbr, bk, bl, whStranding combination4 wires twistedShieldnoMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)85 ±5 AOuter-Ø (jacket)5.0 mm ±5%Color (jacket)blackcolor (jacket)blackcolor (jacket)blackcolor (jacket)black	Construction (core)	19× 0.15 mm (multi-strand wire class 5)
Material (wire isolation)PVCMaterial property (wire isolation)CFC-, cadmium-, silicone- and lead-freeShore hardness (wire isolation)45 ±5 DWire-Ø incl. isolation1.25 mm ±5%Color/numbering of wiresbr, bk, bl, whStranding combination4 wires twistedShieldnoMaterial (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)85 ±5 AOuter-Ø (jacket)5.0 mm ±5%Color (jacket)blackcolor (jacket)blackcolor (jacket)color esistancegood resistance to oil, gasoline and chemicals	Diameter (core)	4× 0.34 mm <sup>2</sup>
Material property (wire isolation)CFC-, cadmium-, silicone- and lead-freeShore hardness (wire isolation)45 ± 5 DWire-Ø incl. isolation1.25 mm ±5%Color/numbering of wiresbr, bk, bl, whStranding combination4 wires twistedShieldnoMaterial (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)85 ± 5 AOuter-Ø (jacket)5.0 mm ±5%Color (jacket)blackchemical resistancegood resistance to oil, gasoline and chemicals	AWG	similar to AWG 22
Shore hardness (wire isolation)45 ±5 DWire-Ø incl. isolation1.25 mm ±5%Color/numbering of wiresbr, bk, bl, whStranding combination4 wires twistedShieldnoMaterial (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)85 ±5 AOuter-Ø (jacket)5.0 mm ±5%Color (jacket)blackcolor (jacket)good resistance to oil, gasoline and chemicals	Material (wire isolation)	PVC
Wire-Ø incl. isolation1.25 mm ±5%Color/numbering of wiresbr, bk, bl, whStranding combination4 wires twistedShieldnoMaterial (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)85 ±5 AOuter-Ø (jacket)5.0 mm ±5%Color (jacket)blackchemical resistancegood resistance to oil, gasoline and chemicals	Material property (wire isolation)	CFC-, cadmium-, silicone- and lead-free
Color/numbering of wiresbr, bk, bl, whStranding combination4 wires twistedShieldnoMaterial (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)85 ±5 AOuter-Ø (jacket)5.0 mm ±5%Color (jacket)blackchemical resistancegood resistance to oil, gasoline and chemicals	Shore hardness (wire isolation)	45 ±5 D
Stranding combination4 wires twistedShieldnoMaterial (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)85 ±5 AOuter-Ø (jacket)5.0 mm ±5%Color (jacket)blackchemical resistancegood resistance to oil, gasoline and chemicals	Wire-Ø incl. isolation	1.25 mm ±5%
ShieldnoMaterial (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)85 ±5 AOuter-Ø (jacket)5.0 mm ±5%Color (jacket)blackchemical resistancegood resistance to oil, gasoline and chemicals	Color/numbering of wires	br, bk, bl, wh
Material (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)85 ±5 AOuter-Ø (jacket)5.0 mm ±5%Color (jacket)blackchemical resistancegood resistance to oil, gasoline and chemicals	Stranding combination	4 wires twisted
Material property (jacket)   CFC-, cadmium-, silicone- and lead-free     Shore hardness (jacket)   85 ±5 A     Outer-Ø (jacket)   5.0 mm ±5%     Color (jacket)   black     chemical resistance   good resistance to oil, gasoline and chemicals	Shield	no
Shore hardness (jacket)   85 ±5 A     Outer-Ø (jacket)   5.0 mm ±5%     Color (jacket)   black     chemical resistance   good resistance to oil, gasoline and chemicals	Material (jacket)	PVC
Outer-Ø (jacket)   5.0 mm ±5%     Color (jacket)   black     chemical resistance   good resistance to oil, gasoline and chemicals	Material property (jacket)	CFC-, cadmium-, silicone- and lead-free
Color (jacket) black   chemical resistance good resistance to oil, gasoline and chemicals	Shore hardness (jacket)	85 ±5 A
chemical resistance good resistance to oil, gasoline and chemicals	Outer-Ø (jacket)	5.0 mm ±5%
	Color (jacket)	black
thermal resistance flame retardant UL 1581 VW1 / CSA FT1	chemical resistance	good resistance to oil, gasoline and chemicals
	thermal resistance	flame retardant UL 1581 VW1 / CSA FT1

The information in this brochure has been compiled with the utmost care.

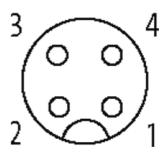
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Murrelektronik GmbH | Falkenstraße 3 | 71570 Oppenweiler | Fon +49 (71 91) 47-0 | Fax +49 (71 91) 47-491000 | shop@murrelektronik.com | shop.murrelektronik.com



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	4048879212335
eClass	27279218
Packaging unit	1
Sketch	

## Female



Product may differ from Image

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