

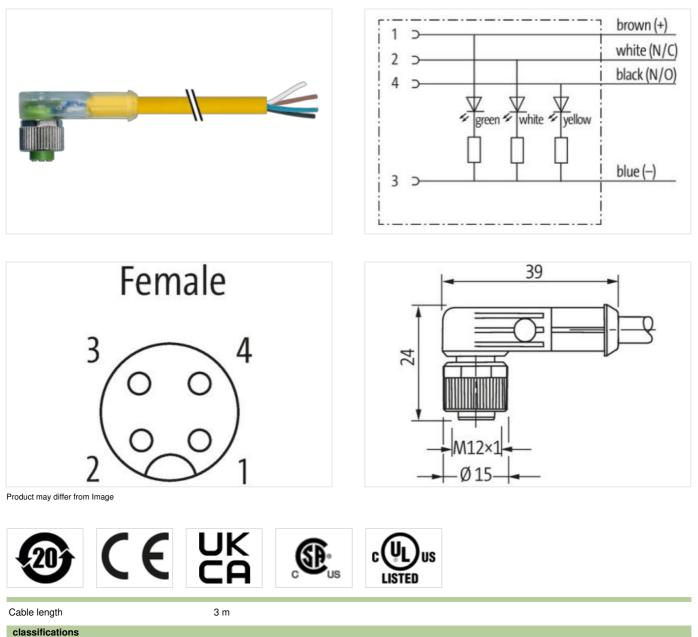
## M12 female 90° A-cod. with cable LED

PVC 4x0.34 ye UL/CSA 3m

Female 90° M12, 4-pole 3× LED (PNP) Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request 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





ECLASS-6.0

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2023-09-14

Murrelektronik Inc. | 1327 Northbrook Parkway, Suite 460 | Suwanee, GA 30024 | Fon +1 770 497-9292 | Fax +1 770 497-9391 | shop@murrinc.com | shop.murrinc.com

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EQLASS 7.0     277/2119       EQLASS 8.0     272/2219       EQLASS 8.0     272/2219       EQLASS 8.0.1     27060311       EQLASS 10.1     27060311       EQLASS 11.1     27060311       EQLASS 12.0     27060311       EQLASS 12.0     27060311       EQLASS 12.0     27060311       EQLASS 12.0     27060311       Constitution of the const	ECLASS-6.1	27279218
ECLASS-9.0     27000311       ECLASS-10.1     27000311       ECLASS-11.1     27000311       ECLASS-12.0     27000311       ECLASS-12.0     27000311       ECLASS-12.0     ECO01855       Technical Data	ECLASS-7.0	27279218
ELASS-10.1     27090311       ECLASS-11.1     27090311       ECLASS-12.0     27090311       ETM 5.0     EC001955       Technical Data     Poorsing voltage (n/y UL letod)       Oporating voltage (n/y UL letod)     30 V DC       Read Surge voltage     0.8 V       Operating voltage (n/y UL letod)     00 V DC       Read Surge voltage     0.8 V       Operating voltage (n/y UL letod)     00 V DC       Read Surge voltage     0.8 V       Ceptang roup     EC 60004 1. catagory I       Coding     A-coded       LED daplay     LED (groon): Power / LED (voltor): (S1) / LED (white): Signal (S2)       Locking ports     Brew thread (M12-1 mm) recommended torque 0.6 Nm. self-securing       Protection     IP65, IP65/ Instrand and tiphened (EN 60529)       Material     PUR       Cadreging material     Zinc dia cataging, matter nickie plated       autable for corrupated tube (internal (P)     ID mm       Campression grand     M12 (SVIIS)       Center data     Cataging and and second and seco	ECLASS-8.0	27279218
ECLASS:11.1     27060311       ECLASS:12.0     27060311       ECLASS:12.0     EC001655       Technical Data	ECLASS-9.0	27060311
ECL4SP120     27860311       ETM 5.0     ECO1856       Dynaling voltage     24 V DC 265%       Oparaling voltage (only UL liatod)     30 V DC       Rates surge voltage     0.8 X       Oparaling voltage (only UL liatod)     30 V DC       Rates surge voltage     0.8 X       Oparaling voltage (only UL liatod)     30 V DC       Rates surge voltage     0.8 X       Oparaling voltage (only UL liatod)     20 V DC       Rates ange voltage     0.8 X       Oparaling voltage (only UL liatod)     20 V DC       Rates ange voltage     0.8 X       Coding on the contage (only UL liatod)     20 V DC       Rates ange voltage     10 Rom       Protection     1988, 1966K, 1967 insention and liatoliato (EN 60528)       Matrial     PUE       Compression grand     M12 (SW13)       Compression grand     M12 (SW13)       Constructure range     35 -485 °C, depending on cable quality       Cable isonthication     014       Cable isonthication     014       Cable isonthication     014       Cable isonthication     014 °C		27060311
ETM 8.0     EC001885       Technical Data	ECLASS-11.1	27060311
Technical Data       Operating voltage     24 V DC 28%       Operating voltage (only UL listed)     30 V DC       Rated surge voltage     0.6 kV       Operating ourmap reconstal     max. 4.A       Material group     IEC 60684-1, category I       Coding     A-coded       LED display     LED (groon): Power / LED (voltow): (S1 / LED (while): Signal (S2)       Lecking or ports     Scree thread (M12-1 mm) recommended torque 0.6 km, self-securing       Protocion     IP65, IP66K, IP67 inserted and Sphered (EN 60529)       Material     PUR       Locking material     Zinc die casting, matte nickel plated       compression gland     M12 (SW13)       General data     DIN EN 61076-2:101 (M12)       Poltakon Digree     3       Temperature range     -25 - x5 °C, depending on cable quality       Cable distribution     014       Cable Type     1 (PVG)       Approval (cable)     UL (XWM Shyle 2464/1731), CSA       Cable weight (fm1)     40, 7       Material twice     Cuc wice, bare       Resistor (core)     0, 15 mm       Constrution (core)     19 × 0.15 mm (mU-strut wice loass	ECLASS-12.0	27060311
Operating voltage     24 V DC 125%       Operating voltage (on/y UL listed)     30 V DC       Rated surge voltage     0.8 V V       Operating ourment per contact     max. 4.A       Material group     IEC 60664-1, category I       Coding     A-coded       LED display     LED (green): Power / LED (yellow); (S1) / LED (while): Signal (S2)       LED display     EDE display       LED display     PUR       Locking of port     Sever thread (M124 mm) ecommended torque 0.6 Nm, self-securing       Protection     IP65, IP66K, IP67 inserted and tightened (EN 60529)       Material     PUR       Locking material     Zinc die casting, matte nickel plated       suitable for corrupated Like (internal O)     10 mm       Compression gland     M12 (SW13)       General dat     Zinc 485 °C, dopending on cable quality       Cable     Sindards       DIN EN 61076-2-101 (M12)     Follotion Dagree       Cable distribution     014       Cable distribution     014       Cable Type     1 (PVC)       Approval (cable)     UL (AWM-Style 2464/1731), CSA       Cable regint (forn) <t< td=""><td></td><td></td></t<>		
Operating unitage (only UL listed)     30 V DC       Rated surps voltage     0.8 kV       Operating current per contact     max. 4 A       Material group     IEC 608641. category I       Coding     A-coded       LED display     LED (green): Power / LED (yellow): (S1) / LED (white): Signal (S2)       Locking of ports     Screw thread (M12-1 mm) recommended torque 0.6 Nm, self-securing       Protection     IP65, IP66K, IP67 inserted and lightenned [EN 60529)       Material     PUR       Locking material     Zinc die casfing, matte nickel plated       suitable for corrugated tube (internal 0)     10 mm       Compression gland     M12 (SW13)       General data     Cable (adentification       Standards     DIN EN 61076-2-101 (M12)       Pollution Degree     3       Temperature range     -25+85 °C, depending on cable quality       Cable     Cable (adentification       O14     Cable       Cable (adentification     014       Cable (adentification     014       Cable (adentification     014       Cable (adentification     014       Cable (adentification	Technical Data	
Operating unitage (only UL listed)     30 V DC       Rated surps voltage     0.8 kV       Operating current per contact     max. 4 A       Material group     IEC 608641. category I       Coding     A-coded       LED display     LED (green): Power / LED (yellow): (S1) / LED (white): Signal (S2)       Locking of ports     Screw thread (M12-1 mm) recommended torque 0.6 Nm, self-securing       Protection     IP65, IP66K, IP67 inserted and lightenned [EN 60529)       Material     PUR       Locking material     Zinc die casfing, matte nickel plated       suitable for corrugated tube (internal 0)     10 mm       Compression gland     M12 (SW13)       General data     Cable (adentification       Standards     DIN EN 61076-2-101 (M12)       Pollution Degree     3       Temperature range     -25+85 °C, depending on cable quality       Cable     Cable (adentification       O14     Cable       Cable (adentification     014       Cable (adentification     014       Cable (adentification     014       Cable (adentification     014       Cable (adentification	Operating voltage	24 V DC +25%
Rated surge voltage     0.8 kV       Operating current per contact     max. 4 A       Material group     IEE 0668-11, category 1       Coding     A-coded       LED display     LED (green): Power / LED (yellow); (511) / LED (white): Signal (52)       Locking of ports     Screew thread (M12-11 mm) recommended torque 0.6 Nm, self-securing       Protection     IP65, IP66K, IP67 inserted and fightened (EN 60529)       Material     PUR       Locking material     Zinc dic casting, matte nickel plated       suitable for corrugated tub (riternal 0)     10 mm       Compression gland     M12 (SW13)       General data     Caste disontification       Cable Tope     3       Temperature range     25485 °C, depending on cable quality       Cable Tope     11 (PVC)       Approval (cable)     UL (AVMM-Style 2464/721), CSA       Cable forge     0.15 mm       Pesistor (core)     0.15 mm       Construction (core)     19.9.015 mm (multi-strand wire class 5)       Diameter (core)     1.5 mm       Cable Tope     1.6 VPC       Approval (cable)     UL (AVMM-Style 2464/731), CSA		
Operating current per contact     mat. 4 A       Material group     IEC 66664-1, category 1       Coding     A-coded       LED digstay     LED (green); Power / LED (yellow); (S1) / LED (white): Signal (S2)       Locking of ports     Screw thread (M12x1 mm) recommended torque 0.6 Nm, self-securing       Protection     IP65, IP66K, IP67 inserted and tightende (EN 60529)       Material     PUR       Locking material     Zm cle casting, matter nickel plated       suitable for corrugated tube (internal 0)     10 mm       Compression gland     M12 (SW13)       General data     Standards       Standards     DIN EN 61076-2-101 (M12)       Pollution Dagree     3       Temperature range     -25+85 °C, depending on cable quality       Cable     Cable dentification       O14     Cable of Type       Cable dentification     014       Cable dentification     014       Cable of Type     1 (PVC)       Approval (cable)     UL (AVM/ Style 2464/1731), CSA       Cable weight Ig/m1     40.7 g       Material wire     Cau wire, bare       Resider (core)     m.a.6.0 CAr		
Material group     IEC 60664-1, category 1       Coding     A-coded       LED display     LED (green): Power / LED (yallow): (\$1) / LED (white): Signal (\$2)       Lacking of ports     Screw thread (M12-1 mm) recommended largue 0.6 Nm, self-securing       Protocion     IP65, IP66K, IP67 inserted and lightened (EN 60529)       Material     PUR       Locking material     Zinc die casting, matte nickel plated       sultable for corrugated tube (internal 0)     10 mm       Compression gind     M12 (SW13)       General data     Standards       Din EN 61076-2-101 (M12)     Pollution Degree       3     Temperature range     -25+85 °C, depending on cable quality       Cable     Gable Type     1 (PVC)       Approval (cable)     UL (AVMM-Style 2464/1731), CSA     Cable registright (§m)       Ador, 7g     Material wire     Cu wire, bare       Single wire 04 (core)     Max.60 ΩK (20 °C)     Single wire 04 (core)       Construction (core)     19.4.0.15 mm (x01 °C)     Single wire 04 (core)       Gable Type     1 (PVC)     Adord attriat ro AWG 22       Material wire isolation     PVC     Material wire isolation		
Coding     A-coded       LED display     LED (green): Power / LED (yellow); (51) / LED (white): Signal (S2)       Locking of ports     Screew thread (M12.1 mm) recommended torque 0.6 Nm, self-securing       Protection     IP65, IP66K, IP67 inserted and tightened (EN 60529)       Material     PUR       Suitable for corrugated tube (internal Ø)     10 mm       Compression gland     M12 (SW13)       General data     Standards       Standards     DIN EN 61076-2-101 (M12)       Pollution Degree     3       Temperature range     -25+85 °C, depending on cable quality       Cable     Cable identification       014     Cable view (able)       Cable weight (gm1     40,7 g       Material wire     Cu vire, bare       Resistor (core)     max, 60 Ω/km (20 °C)       Singe wire Ø (core)     0.15 mm (multi-strand wire class 5)       Diameter (core)     4+ 0.34 mm²       AWG     similar to AWG 22       Material wire instaltion     CFC, cadmium, silicone- and lead-free       Shore hardness wire isolation     4 54 5 D       Wire Ø-in Li isolation     1.25 mm 15%       Caduriuma		
LED display     LED (green): Power / LED (wellow): (S1) / LED (white): Signal (S2)       Locking of ports     Screw thread (M12-1 mm) recommended torque 0.6 Nm, self-securing       Protection     IP66, IP67 inserted and tightnend (EN 60529)       Material     PUR       Locking material     Zinc die casting, matte nickel plated       suitable for corrugated tube (internal 0)     10 mm       Compression gland     M12 (SW13)       General data		
Locking of ports     Screw thread (M12+1 mm) recommended torque 0.6 Nm, self-accuring       Protection     IP65, IP66K, IP67 inserted and Sphtomed (EN 60529)       Matorial     PUR       Locking material     Zinc die casting, matte nickel plated       suitable for corrugated tube (internal 0)     10 mm       Compression gland     M12 (SW13)       General data		
Protection     IP65, IP68K, IP67 inserted and tightened (EN 60529)       Material     PUB       Locking material     Zinc die casting, matte nickel plated       autable for corrugated tube (internal Q)     10 mm       Compression gland     M12 (SW13)       General data        Standards     DIN EN 61076-2-101 (M12)       Pollution Degree     3       Temperature range     -25485 °C, depending on cable quality       Cable        Cable V        Provent (cable)     UL (AWM-Style 2464/1731), CSA       Cable V        Constructino (core) <tr< td=""><td></td><td></td></tr<>		
Material     PUR       Locking material     Zinc die casting, matte nickel plated       suitable for corrougsted tube (internal Ø)     10 mm       Compression gland     M12 (SW13)       General data     Standards       Din EN 81076-2-101 (M12)     Pollution Degree       7     3       Temperature range     -2585 °C, depending on cable quality       Cable     Cable frype       Cable forpe     1       Cable frype     1 (PVC)       Approval (cable)     UL (AWM-Style 2464/1731), CSA       Cable weight [g/m]     40.7 g       Material wire     Cu wre, bare       Resistor (core)     max. 60 Ω/km (20 °C)       Single wire Ø (core)     0.15 mm (multi-strand wire class 5)       Diameter (core)     44.034 mm²       AWG     similar to AWG 22       Material wire isolation     PVC       Material wire isolation     45 ± 5 D       Wire-Ø incl. isolation     1.25 mm ±5%       Color/mutbering of wires     Pr, Kb, Kl, Mh       Stranding combination     4 wires twisted       Shore hardness jacket     PVC		
Locking material   Zinc die casting, matte nickel plated     suitable for corrugated tube (internal 0)   10 mm     Compression gland   M12 (SW13)     General data   Standards     Standards   DIN EN 61076-2-101 (M12)     Polition Degree   3     Temperature range   -25485 °C, depending on cable quality     Cable   Cable identification     O14   Cable identification     Cable identification   014     Cable of Type   1 (PVC)     Approval (cable)   UL (AWN-Style 2464/1731), CSA     Cable weight [g/m]   40.7 g     Material wire   Cu wire, bare     Resistor (core)   max. 60 D/km (20 °C)     Single wire Ø (core)   0.15 mm (multi-strand wire class 5)     Diameter (core)   19 x 0.15 mm (multi-strand wire class 5)     Diameter (core)   4 x 0.34 mm²     AWG   similar to AWG 22     Material wire isolation   PVC     Material wire isolation   PVC     Material vire isolation   1.25 mm ±5%     Colorinumbering of wires   br, bk, bl, wh     Stranding combination   4 wires twisted		
suitable for corrugated tube (internal Ø) 10 mm Compression gland M12 (SW13) General data Standards DIN EN 61076-2-101 (M12) Pollution Degree 3 Temperature range -25+85 °C, depending on cable quality Cable Cable Type 1 (PVC) Cable Type 1 (PVC) Approval (cable) UL (AWM-Style 2464/1731), CSA Cable weight [g/m] 40,7 g Material wire Cu wire, bare Resistor (core) max. 60 Ω/km (20 °C) Single wire Ø (core) 0.15 mm Construction (core) 19 v. 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 insulation CFC-, cadmium-, silicone- and lead-free Shore hardness wire isolation 125 mm ±5% Colorinumbering of wires br, bk, bl, wh Stranding combination 4 wires twisted Stranding combination 4 wires twisted Stranding combination 4 wires twisted Stranding combination 4 st 55 D Outer-Ø (acket) CFC-, cadmium-, silicone- and lead-free Shore hardness wire isolation 50 cFC, cadmium-, silicone- and lead-free Shore hardness jacket 95 c15 A Outer-Ø (acket) CFC-, cadmium-, silicone- and lead-free Shore hardness jacket 95 c15 A Color induses the site state 85 c15 A Color induse wire site state 85 c15 A Color induse 9 c125 c15 A Color induse 9 c125 c15 c15 c15 c15 c15 c15 c15 c15 c15 c1		
Compression gland     M12 (SW13)       General data     Standards       DIN EN 61076-2-101 (M12)       Pollution Degree     3       Temperature range     -25+85 °C, depending on cable quality       Cable     Temperature range       Cable     U       Cable identification     014       Cable identification     015       Gonstruction (core)     0.15 mm       Diameter (core)     4x 0.34 mm²       AdvG     similar to AUWG 22		
General data       Standards     DIN EN 61076-2-101 (M12)       Pollution Degree     3       Temperature range     -25495 °C, depending on cable quality       Cable		
Standards     DIN EN 61076-2-101 (M12)       Pollution Degree     3       Temperature range     -25+85 °C, depending on cable quality       Cable        Cable identification     014       Cable Type     1 (PVC)       Approval (cable)     UL (AVM-Style 2464/1731), CSA       Cable weight [g/m]     40,7 g       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)       Diameter (core)     4× 0.34 mm²       AWG     similar to AWG 22       Material vire isolation     PVC       Material property wire insulation     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 iproperty (acket)     CFC-, cadmium-, silicone- and lead-free       Shield     no       Material property (ack	Compression gland	M12 (SW13)
Pollution Degree   3     Temperature range   -25+85 °C, depending on cable quality     Cable      Cable identification   014     Cable Type   1 (PVC)     Approval (cable)   UL (AWM-Style 2464/1731), CSA     Cable weight [g/m]   40,7 g     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)     Diameter (core)   4×.0.34 mm <sup>2</sup> Atterial vire isolation   PVC     Material vire isolation   PVC     Material vire isolation   FVC     Material vire 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 iproperty (acket)   CFC-, cadmium-, silicone- and lead-free     Shield   no     Material iproperty (acket)   CFC-, cadmium-, silicone- and lead-free     Shield   no     Material property (acket)   CFC-, cadmium-, si	General data	
Temperature range   -25+85 °C, depending on cable quality     Cable   Cable identification     Cable identification   014     Cable identification   014     Cable identification   014     Cable identification   014     Cable veight [g/m]   40.7 g     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)     Diameter (core)   4 × 0.34 mm²     AWG   similar to AWG 22     Material property wire insulation   PVC     Material property wire insulation   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     Shiled   no     Material jacket   PVC     Material jacket   PVC     Material jacket   PVC     Material jacket   PVC     Material jacket   PVC <td< td=""><td>Standards</td><td>DIN EN 61076-2-101 (M12)</td></td<>	Standards	DIN EN 61076-2-101 (M12)
CableCable identification014Cable Type1 (PVC)Approval (cable)UL (AWM-Style 2464/1731), CSACable weight [g/m]40,7 gMaterial wireCu 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 isolationPVCMaterial wire isolationCFC-, cadmium-, silicone- and lead-freeShore hardness wire isolation1.25 mm ±5%Color/numbering of wiresbr, bk, bl, whStranding combination4 wires twistedShieldnoMaterial jacketPVCMaterial property (acket)CFC-, cadmium-, silicone- and lead-freeShieldnoMaterial property (acket)PVCMaterial property (acket)CFC-, cadmium-, silicone- and lead-freeShieldnoMaterial property (acket)PVCMaterial property (acket)CFC-, cadmium-, silicone- and lead-freeShieldnoMaterial property (acket)S.0 mm ±5%Color in unbering of wiresFFC-, cadmium-, silicone- and lead-freeShore hardness jacket85 ± 5 AOuter-Ø (jacket)S.0 mm ±5%Color jacketyellowchemicalschemicalsChemical resistancefiam eretarant UL 1581 VW1 / CSA FT1Nominal voltageUL 300 V AC	Pollution Degree	3
Cable identificationD14Cable Type1 (PVC)Approval (cable)UL (AWM-Style 2464/1731), CSACable weight [g/m]40.7 gMaterial wireCu 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 isolationPVCMaterial wire isolationCFC, cadmium-, silicone- and lead-freeShore hardness wire isolation1.25 mm ±5%Color/numbering of wiresbr, bk, bl, whStranding combination4 wires twistedSheldnoMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness ize isolation45 ± 5 DWire-Ø incl. isolation1.25 mm ±5%Color/numbering of wiresbr, bk, bl, whStranding combination4 wires twistedSheldnoMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness jacket85 ± 5 AOuter-Ø (jacket)5.0 mm ±5%Color jacketyellowChemical resistancegood resistance to oil, gasoline and chemicalsthermal resistancegood resistance to oil, gasoline and chemicalsthermal resistanceflame retardant UL 1581 VW1 / CSA FT1Nominal voltageUL 300 V AC	Temperature range	-25+85 °C, depending on cable quality
Cable Type1 (PVC)Approval (cable)UL (AWM-Style 2464/1731), CSACable weight [g/m]40.7 gMaterial wireCu wire, bareResistor (core)max. 60 0/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 property wire isolationPVCMaterial property wire isolationCFC-, cadmium-, silicone- and lead-freeShore hardness wire isolation45 ±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 sizeket85 ±5 AColor/numbering of wiresbr, bk, bl, whStranding combination4 wires twistedShieldnoMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness jacket85 ±5 AOuter-Ø (jacket)5.0 m ±5%Color jacketyellowchemcal resistancegood resistance to oil, gasoline and chemicalsthermal resistanceflame retardant UL 1581 VW1 / CSA FT1Nominal voltageUL 300 V AC	Cable	
Approval (cable)UL (AWM-Style 2464/1731), CSACable weight [g/m]40,7 gMaterial wireCu 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 isolationPVCMaterial property wire insulationCFC-, cadmium-, silicone- and lead-freeShore hardness wire isolation45 ±5 DWire-Ø incl. isolation1.25 mm ±5%Color/numbering of wiresbr, bk, bl, whStranding combination4 wires twistedShieldnoMaterial jacketPVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness kieldsim ±5%Color/numbering of wiresbr, bk, bl, whStranding combination4 wires twistedShieldnoMaterial jacketPVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness jacket85 ±5 AOuter-Ø (jacket)5.0 mm ±5%Color jacketyellowchemical resistancegood resistance to oil, gasoline and chemicalsthermal resistanceflame retardant UL 1581 VW1 / CSA FT1Nominal voltageUL 300 V AC	Cable identification	014
Cable weight [g/m]40,7 gMaterial wireCu 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 property wire insulationPVCMaterial property wire insulationCFC-, cadmium-, silicone- and lead-freeShore hardness wire isolation1.25 mm ±5%Color/numbering of wiresbr, bk, bl, whStranding combination4 wires twistedShieldnoMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness jacket85 ± 5 AOuter-Ø (jacket)5.0 mm ±5%Color/numbering of wiresbr, bk, bl, whStranding combination4 wires twistedShore hardness jacket85 ± 5 AOuter-Ø (jacket)5.0 mm ±5%Color jacketyellowcharactergood resistance to oil, gasoline and chemicalsthermal resistanceflam retardant UL 1581 VW1 / CSA FT1Nominal voltageUL 300 V AC	Cable Type	1 (PVC)
Material wireCu 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 isolationPVCMaterial property wire insulationCFC-, cadmium-, silicone- and lead-freeShore hardness wire isolation1.25 mm ±5%Color/numbering of wiresbr, bk, bl, whStranding combination4 wires twistedShieldnoMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness jacket85 ± 5 AOuter-Ø (jacket)5.0 rm ±5%Color/acketyellowChardness jacket85 ± 5 AOuter-Ø (jacket)5.0 rm ±5%Color jacketyellowChardness jacket85 ± 5 AOuter-Ø (jacket)5.0 rm ±5%Color jacketyellowChardness jacket85 ± 5 AOuter-Ø (jacket)5.0 rm ±5%Color jacketyellowChardness jacket85 ± 5 AOuter-Ø (jacket)5.0 rm ±5%Color jacketyellowchemical resistancegood resistance to oil, gasoline and chemicalsthermal resistanceflam retardant UL 1581 VW1 / CSA FT1Nominal voltageUL 300 V AC	Approval (cable)	UL (AWM-Style 2464/1731), CSA
Resistor (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 isolationPVCMaterial property wire insulationCFC-, cadmium-, silicone- and lead-freeShore hardness wire isolation45 ±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 size (a ket)9V CMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShieldnoMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness jacket85 ±5 AOuter-Ø (jacket)5.0 mm ±5%Color jacketyellowchemical resistancegood resistance to oil, gasoline and chemicalsthermal resistanceflame retardant UL 1581 VW1 / CSA FT1Nominal voltageUL 300 V AC	Cable weight [g/m]	40,7 g
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Shore hardness jacket   85 ± 5 Å     Outer-Ø (jacket)   5.0 mm ±5%     Color jacket   yellow     chemical resistance   good resistance to oil, gasoline and chemicals     thermal resistance   flame retardant UL 1581 VW1 / CSA FT1     Nominal voltage   UL 300 V AC		
Outer-Ø (jacket)   5.0 mm ±5%     Color jacket   yellow     chemical resistance   good resistance to oil, gasoline and chemicals     thermal resistance   flame retardant UL 1581 VW1 / CSA FT1     Nominal voltage   UL 300 V AC		
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chemical resistance good resistance to oil, gasoline and chemicals   thermal resistance flame retardant UL 1581 VW1 / CSA FT1   Nominal voltage UL 300 V AC		
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The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2023-09-14

Murrelektronik Inc. | 1327 Northbrook Parkway, Suite 460 | Suwanee, GA 30024 | Fon +1 770 497-9292 | Fax +1 770 497-9391 | shop@murrinc.com | shop.murrinc.com