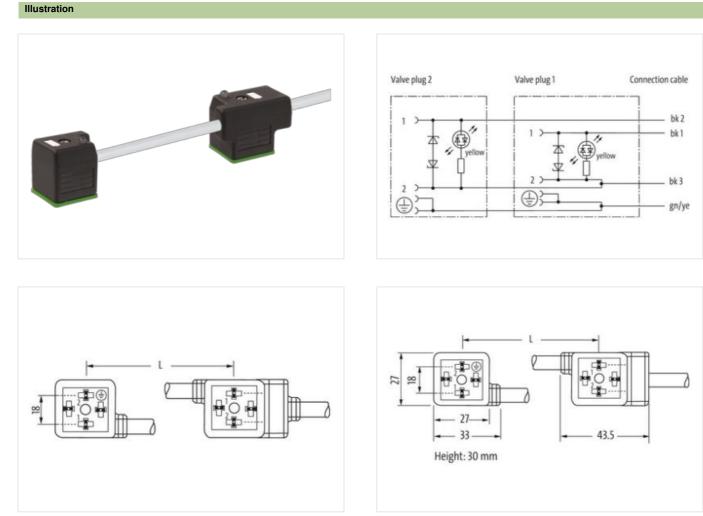


MSUD double valve A-18mm with cable

PUR 4x0.75 gy UL/CSA 5m

Form A (18 mm) 24 V AC ±20% / DC ±25% LED and suppression Connection cable L = 150 mm Further cable lengths 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.

Link to Product



Product may differ from Image



Cable length	5 m	
Side 1		
Tightening torque	0,4 Nm	

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



Thread	M3
Side 2	
Tightening torque	0,4 Nm
Thread	M3
	NIS
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060312
ECLASS-10.1	27060312
ECLASS-11.1	27060312
ECLASS-12.0	27060312
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879137492
Packaging unit	1
Electrical data	
Drop-out delay time max.	20 ms
Electrical data Supply	
Operating voltage AC	24 V
Operating voltage AC min.	19,2 V
Operating voltage AC max.	28,8 V
Operating voltage DC	24 V
Operating voltage DC min.	18 V
Operating voltage DC max.	30 V
Cut-off peak voltage max.	55 V
Current operating per contact max.	4 A
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP67
Additional condition protection degree	inserted, screwed
Rated surge voltage	0,8 kV
Mechanical data Material data	
Color housing	black
Material housing	Plastic
ç	
Mechanical data Mounting data	
Mounting method	inserted, screwed
Environmental characteristics Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Important installation notes	
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Installation Cable	
wire arrangement	black 1, black 2, black 3, green-yellow
Cable identification	227
Cable Type	2
	white (isolation black)
Printing color of wire insulation	

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: 2024-05-22

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Amount Standing 1 Stranding 4 wires twisted wire arrangement black 1, black 2, black 3, groon yellow Cable weight 74.8 g/m Material jackt PUR Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (gacket) lead-tree, cardinum-free, CPC-free, silicone-free Outer-Gameter (gacket) 7 mm Tolerance outer dameter (sheath) 1.5 %. Material inner jacket PVC Colar (marg jacket) yellow Material inner jacket PVC Colar (marg jacket) yellow Material wire insulation 1.8 mm Outer diameter tolerance core insulation 1.8 mm Outer diameter tolerance core insulation 4.3 5 Shore D Thomant wires 4 Outer diameter tolerance core insulation 4.3 5 Shore D Tolerance of single wires 0.15 mm Conductor coressection (wire) 0.75 mm ² Material conductor wire Strandic copper wire, bare Conductor tore (wire) strand case 6 Electrical function wire Signal Nomitat sollage AC max. 300 V	Type of Certificate	cURus
wire arrangement black 1, black 2, black 3, green yellow Gable weigh 74.8 grm Material jackt PUR Shore hardness jackel 85.± 5 Shore A Freedom from ingredients (jacket) lead-tree, cadmium-free, CFC-free, allicone-free Outer diameter (glacket) 7 mm Tolerance outer diameter (sheath) ± 5 %, Material jacket PVC Color (Inner jacket) yellow Material inner jacket PVC Color (Inner jacket) yellow Material wire insulation PVC Amount Wires 4 Outer diameter insulation 1.8 mm Outer diameter insulation 4.3 ± 5 Shore D Ingredient freeness wire insulation 4.3 ± 5 Shore D Ingredient freeness wire insulation wire insulation Material gools of wire insulation wire (solation black) Amount Stands (wire) 42 Diameter of single wires 0.15 mm Ganductor rossection (wire) 0.75 mm ² Ganductor vire (sagle wires 0.15 mm Ganductor vire (wire) Strand class 6 <td>Amount stranding</td> <td>1</td>	Amount stranding	1
Gabie weight 74.8 g/m Material jackot PUR Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CPC-free, silicone-free Outer-clameter (jacket) 7 mm Tolerance outer diameter (jacket) 7 mm Tolerance outer diameter (jacket) 9 VC Color (inner jacket) yellow Material wire issultion PVC Amount wires 4 Outer diameter (loarance or insultation 1.8 mm Outer diameter (loarance or insultation 43 ± 5 Shore D Ingredient freeness wire insultation 43 ± 5 Shore D Ingredient freeness wire insultation 43 ± 5 Shore D Ingredient freeness wire insultation 44 Conductor orosessetion (wire) 0.75 mm² Conductor orosessetion (wire) 0.75 mm² Conductor orosessetion (wire) 55 manded copper wire, bare Conductor orosessetion (wire) Signal Material oronowire Signal Material oronowire Signal Conductor orosessetion (wire) Signal Material	Stranding	4 wires twisted
Material jacket PUR Shore hardness jacket 85 ± 5 Shore A Freedom from ingredents (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer diameter (jacket) 7 mm Tolerance outer diameter (jacket) 2 % Material inner jacket PVC Odor (inner jacket) yellow Material inner jacket PVC Outer diameter (sheath) 1,8 mm Outer diameter insulation 1,8 mm Outer diameter insulation 4 Outer diameter insulation 4.8 free, cadmium-free, CFC-free, silicone-free Printing color of wire insulation 4.8 free, cadmium-free, CFC-free, silicone-free Printing color of wire insulation white (isolation black) Amount strands (wire) 0,75 mm² Material conductor wire Stranded copper wire, bare Conductor preview (wire) Stranded copper wire, bare Conductor wire Stgnal Nominal voltage AC max. 300 V Current load capacity min. wire 9,6 A Electrical traction wire Signal Electrical resistance line constant wire 26 Ω/	wire arrangement	black 1, black 2, black 3, green-yellow
Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 7 mm Tolerance outer diameter (jacket) 2 5 % Matarial ininer jacket PVC Color (norr jacket) yellow Matarial wire insulation PVC Amount wires 4 Outer diameter insulation 1,8 mm Outer diameter tolerance core insulation 4 5 % Shore hardness wire insulation 4 2 5 Shore D Ingredient freeness wire insulation 4 2 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Printing color of wire insulation wire (solation black) Amount strands (wire) 42 Diameter of single wires 0,15 mm Conductor trossection (wire) 0,75 mm² Material conductor wire Signal Nominal voltage AC max. 300 V Current toal cagacity (standerd) to DIN VDE 0289-4 Current toal cagacity (market) -30 °C Max. operaning temperature (max. (dynamic))	Cable weigth	74,8 g/m
Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 7 mm Tolerance outer diameter (jsheath) ± 5 % Material inner jacket PVC Color (inner jacket) yellow Material inner jacket) yellow Material wire insulation PVC Color (inner jacket) yellow Outer diameter tolerance core insulation 1.8 mm Outer diameter tolerance core insulation 4 Outer diameter tolerance core insulation 4.3 ± 5 Shore D Ingredient freeness wire insulation white (solation black) Amount wire 0.15 mm Conductor type (wire) 0.15 mm Material function wire Signal Nominal voltage AC max. 300 V Courrent toad capacity (standard) 10 DIN VDE 0298-4 Current toad capacity min. wire 9.6 A Electrical function wire Signal Nominal temperature (static) -30 °C Material conductor wire Signal Conduct type (wire) 9.6 A Electrical function wire	Material jacket	PUR
Outer-diameter (jacket) 7 mm Tolerance outer diameter (jsheath) ± 5 % Material inner jacket PVC Color (inner jacket) yellow Material wire insulation PVC Amount wires 4 Outer diameter insulation 1.8 mm Outer diameter insulation 4.3 ± 5 % Shore hardness wire insulation 43 ± 5 % Shore hardness wire insulation 43 ± 5 % Ingredient freeness wire insulation 43 ± 5 % Diameter of wire insulation wire (isolation black) Amount strands (wire) 42 Diameter of single wires 0.15 mm Conductor rowsection (wire) 0.75 mm² Material conductor wire Stranded copper wire, bare Conductor wire Stranded copper wire, bare Conductor wire Signal Mominal vording AC max. 300 V Current load capacity (standard) to DIN VDE 0298 4 Current load capacity (standard) to DIN VDE 0298 4 Current load capacity (wine) 45 °C Max. operating temperature (static) -30 °C Max. operating temperature (static) 50 °	Shore hardness jacket	85 ± 5 Shore A
Tolerance outer diameter (sheath) ± 5 % Material viner jacket PVC Color (inner jacket) yellow Material vine insulation PVC Amount vines 4 Outer diameter insulation 1.8 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation ± 5 % Shore hardness wire insulation 43 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Printing color of wire insulation white (isolation black) Amount strands (wire) 42 Diameter of single wires 0,15 mm Conductor crosssection (wire) 0,75 mm² Material conductor wire Signal Conductor type (wire) stranded copper wire, bare Conductor type (wire) stranded copper wire, bare Conductor wire Signal Current toad capacity min. wire 9,6 A Electrical function wire Signal Electrical function wire Signal Electrical function wire Signal Electrical function wire Signal Concert tool capacity (standar	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Material inner jacket PVC Color (mer jacket) yellow Material wire insulation PVC Amount wires 4 Outer diameter insulation 1,8 mm Outer diameter insulation 4.5 % Shore hardness wire insulation 4.9 ± 5 Shore D Imgredient freeness wire insulation 4.4 ± 5 Shore D Printing color of wire insulation while (isolation black) Amount strands (wire) 42 Diameter of single wires 0,15 mm Conductor rossection (wire) 0,75 mm² Material conductor vire Stranded copper wire, bare Conductor type (wire) strand class 6 Electrical function wire Signal Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0288-4 Current load capacity (standard) to DIN VDE 0288-4 Current load capacity (standard) to DIN VDE 0288-4 Conductor rose Signal Neoperating temperature (static) -30 °C Max. operating temperature (static) -30 °C Operating temperature (static)	Outer-diameter (jacket)	7 mm
Color (inner jacket) yellow Material wire insulation PVC Amount wires 4 Outer diameter insulation 1.8 mm Outer diameter tolerance core insulation 43 ± 5 Shore D Shore hardness wire insulation 43 ± 5 Shore D Ingredient freeness wire insulation Ha ± 5 Shore D Printing color of wire insulation white (isolation black) Amount strands (wire) 42 Diameter of single wires 0.15 mm Conductor wire Stranded copper wire, bare Conductor vire Signal Nominal voltage AC max. 300 V Current toad capacity mi. wire 9,6 A Electrical function wire Signal Electrical resistance line constant wire 26 \Ok.Mr @ 20 °C Min. operating temperature (static) -30 °C Max. ope	Tolerance outer diameter (sheath)	±5%
Material wire insulation PVC Amount wires 4 Outer diameter insulation 1,8 mm Outer diameter loierance core insulation 45 % Shore hardness wire insulation 43 ± 5 Shore D Ingredient freeness wire insulation ka ± 5 % Printing color of wire insulation ka ± 5 Shore D Ingredient freeness wire insulation white (isolation black) Amount strands (wire) 42 Diameter of single wires 0,15 mm Conductor wire Stranded copper wire, bare Conductor vire (wire) strand copper wire, bare Conductor vire Signal Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 9,6 A Electrical function wire Signal Resistance line constant wire 26 Ωkm @ 20 °C Min. operating temperature (static) -30 °C Max. operating temperature (static) -30 °C Operating temperature (static) -30 °C	Material inner jacket	PVC
Amount wires 4 Outer diameter insulation 1.8 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation Ha ± 5 Shore D Impredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Printing color of wire insulation white (isolation black) Amount strands (wire) 42 Diameter of single wires 0,15 mm Conductor cossection (wire) 0,75 mm² Material conductor wire Stranded copper wire, bare Conductor or cossection (wire) strand class 6 Electrical function wire Signal Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Gurrent load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard)	Color (inner jacket)	yellow
Outer diameter insulation 1,8 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 43 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Printing color of wire insulation white (isolation black) Amount strands (wire) 42 Diameter of single wires 0,15 mm Conductor wire Stranded copper wire, bare Conductor wire Stranded copper wire, bare Conductor wire Stranded copper wire, bare Conductor wire Signal Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 9.6 A Electrical function wire Signal Electrical function wire Signal Electrical function wire Signal Current load capacity min. wire 9.6 A Electrical function wire <td>Material wire insulation</td> <td>PVC</td>	Material wire insulation	PVC
Outer diameter tolerance core insulation \pm 5 %Shore hardness wire insulation43 \pm 5 Shore DIngredient freeness wire insulationlead/free, cadmium-free, CFC-free, silicone-freePrinting color of wire insulationwhile (isolation black)Amount strands (wire)42Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Electrical function wireSignalNominal voltage AC max.300 VCurrent load capacity min. wire9,6 AElectrical function wireSignalElectrical resistance line constant wire28 G/Lm @ 20 °CMax. operating temperature (fixed)80 °COperating temperature max. (dynamic)-5 °COperating temperature max. (dynamic)50 °COperating temperature max. (dynamic)80 °COperating temperature max. (dynamic)15 x Outer diameterBending radius (fixed)10 x Outer diameterBending radius	Amount wires	4
Shore hardness wire insulation 43 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Printing color of wire insulation white (isolation black) Amount strands (wire) 42 Diameter of single wires 0,15 mm Conductor crosssection (wire) 0,75 mm² Material conductor wire Stranded copper wire, bare Conductor crosssection (wire) stranded copper wire, bare Conductor wire Signal Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0296-4 Current load capacity min. wire 9,6 A Electrical function wire Signal Electrical resistance line constant wire 26 Ω/km @ 20 °C Min. operating temperature (static) -30 °C Max. operating temperature (static) -30 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) -5 °C Operating temperature max. (dynamic) 60 °C Operating temperature max. (dynamic) -5 °C Operating temperature max. (dynamic) -5 °C <	Outer diameter insulation	1,8 mm
Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Printing color of wire insulation white (isolation black) Amount strands (wire) 42 Diameter of single wires 0,15 mm Conductor crosssection (wire) 0,75 mm² Material conductor wire Stranded copper wire, bare Conductor wire Stranded copper wire, bare Conductor wire Signal Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 9,6 A Electrical function wire Signal Electrical function wire Signal Min. operating temperature (static) -30 °C Max. operating temperature (static) -30 °C Operating temperature (fixed) 80 °C Operating temperature win. (dynamic) -5 °C Operating temperature max. (dynamic) 5 °C Operating temperature max. (dynamic) 80 °C chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing	Outer diameter tolerance core insulation	± 5 %
Printing color of wire insulation white (isolation black) Amount strands (wire) 42 Diameter of single wires 0,15 mm Conductor crosssection (wire) 0,75 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Electrical function wire Signal Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 9,6 A Electrical function wire Signal Rin. operating temperature (static) -30 °C Max. operating temperature (fixed) 80 °C Operating temperature (fixed) 80 °C Operating temperature max. (dynamic) -5 °C Operating temperature max. (dynamic) 80 °C Chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Dio Application-related testing Oil resistance Dio Nie Meinter Bending radius (dynamic) 10 x Outer diameter No. of bending cycles	Shore hardness wire insulation	43 ± 5 Shore D
Amount strands (wire) 42 Diameter of single wires 0,15 mm Conductor crosssection (wire) 0,75 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Electrical function wire Signal Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 9,6 A Electrical function wire Signal Electrical function wire Signal Electrical stance line constant wire 26 Ω/km @ 20 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 80 °C Operating temperature max. (dynamic) 80 °C Operating temperature max. (dynamic) 80 °C Operating tempe	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Electrical function wireSignalNominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire9,6 AElectrical function wireSignalElectrical resistance line constant wire26 Ω/km @ 20 °CMin. operating temperature (static)-30 °CMax. operating temperature (static)-30 °COperating temperature (static)-30 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)80 °Cchemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDiN EN 60811-404Bending radius (fixed)10 x Outer diameterBending radius (dynamic)15 x Outer diameterNo. of bending cycles (C-track)2 Mio. @ 25 °CTraversing distance (C-track)5 m @ 25 °C horizontal	Printing color of wire insulation	white (isolation black)
Conductor crosssection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Electrical function wireSignalNominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire9,6 AElectrical function wireSignalElectrical resistance line constant wire26 Ω/km @ 20 °CMax. operating temperature (static)-30 °CMax. operating temperature (static)-30 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)80 °CChemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDiv Noter diameterBending radius (fixed)10 x Outer diameterNo. of bending cycles (C-track)2 Mio. @ 25 °CTraversing distance (C-track)5 m @ 25 °C horizontal	Amount strands (wire)	42
Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Electrical function wireSignalNominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire9,6 AElectrical function wireSignalElectrical resistance line constant wire26 Ω/km @ 20 °CMin. operating temperature (static)-30 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)80 °CChemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404Bending radius (fixed)10 x Outer diameterNo. of bending cycles (C-track)2 Mio. @ 25 °CTraversing distance (C-track)5 m @ 25 °C horizontal	Diameter of single wires	0,15 mm
Conductor type (wire)strand class 6Electrical function wireSignalNominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire9,6 AElectrical function wireSignalElectrical resistance line constant wire26 Ω/km @ 20 °CMin. operating temperature (static)-30 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)80 °Cchemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404Bending radius (fixed)10 x Outer diameterBending radius (dynamic)15 x Outer diameterNo. of bending cycles (C-track)2 Mio. @ 25 °CTraversing distance (C-track)5 m @ 25 °C horizontal	Conductor crosssection (wire)	0,75 mm ²
Electrical function wireSignalNominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire9,6 AElectrical function wireSignalElectrical resistance line constant wire26 Ω/km @ 20 °CMin. operating temperature (static)-30 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)80 °Cchemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404Bending radius (fixed)10 x Outer diameterBending radius (dynamic)15 x Outer diameterNo. of bending cycles (C-track)2 Mio. @ 25 °CTraversing distance (C-track)5 m @ 25 °C horizontal	Material conductor wire	Stranded copper wire, bare
Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire9,6 AElectrical function wireSignalElectrical resistance line constant wire26 Ω/km @ 20 °CMin. operating temperature (static)-30 °CMax. operating temperature (static)-30 °COperating temperature (ifixed)80 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)80 °Cchemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404Bending radius (fixed)10 x Outer diameterBending radius (dynamic)15 x Outer diameterNo. of bending cycles (C-track)2 Mio. @ 25 °CTraversing distance (C-track)5 m @ 25 °C horizontal	Conductor type (wire)	strand class 6
Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire9,6 AElectrical function wireSignalElectrical resistance line constant wire26 Ω/km @ 20 °CMin. operating temperature (static)-30 °CMax. operating temperature (static)-30 °COperating temperature (fixed)80 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)80 °Cchemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404Bending radius (fixed)10 x Outer diameterBending radius (dynamic)15 x Outer diameterNo. of bending cycles (C-track)2 Mio. @ 25 °CTraversing distance (C-track)5 m @ 25 °C horizontal	Electrical function wire	Signal
Current load capacity min. wire9,6 AElectrical function wireSignalElectrical resistance line constant wire26 Ω/km @ 20 °CMin. operating temperature (static)-30 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)80 °Cchemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404Bending radius (fixed)10 x Outer diameterBending radius (dynamic)15 x Outer diameterNo. of bending cycles (C-track)2 Mio. @ 25 °CTraversing distance (C-track)5 m @ 25 °C horizontal	Nominal voltage AC max.	300 V
Electrical function wireSignalElectrical resistance line constant wire26 Ω/km @ 20 °CMin. operating temperature (static)-30 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)80 °Cchemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404Bending radius (fixed)10 x Outer diameterBending radius (dynamic)15 x Outer diameterNo. of bending cycles (C-track)2 Mio. @ 25 °CTraversing distance (C-track)5 m @ 25 °C horizontal	Current load capacity (standard)	to DIN VDE 0298-4
Electrical resistance line constant wire26 Ω/km @ 20 °CMin. operating temperature (static)-30 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)80 °Cchemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404Bending radius (fixed)10 x Outer diameterBending radius (dynamic)15 x Outer diameterNo. of bending cycles (C-track)2 Mio. @ 25 °CTraversing distance (C-track)5 m @ 25 °C horizontal	Current load capacity min. wire	9,6 A
Min. operating temperature (static)30 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)80 °Cchemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404Bending radius (fixed)10 x Outer diameterBending radius (dynamic)15 x Outer diameterNo. of bending cycles (C-track)2 Mio. @ 25 °CTraversing distance (C-track)5 m @ 25 °C horizontal	Electrical function wire	Signal
Max. operating temperature (fixed)80 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)80 °Cchemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404Bending radius (fixed)10 × Outer diameterBending radius (dynamic)15 × Outer diameterNo. of bending cycles (C-track)2 Mio. @ 25 °CTraversing distance (C-track)5 m @ 25 °C horizontal	Electrical resistance line constant wire	26 Ω/km @ 20 °C
Operating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)80 °Cchemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404Bending radius (fixed)10 x Outer diameterBending radius (dynamic)15 x Outer diameterNo. of bending cycles (C-track)2 Mio. @ 25 °CTraversing distance (C-track)5 m @ 25 °C horizontal	Min. operating temperature (static)	-30 °C
Operating temperature max. (dynamic)80 °Cchemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404Bending radius (fixed)10 x Outer diameterBending radius (dynamic)15 x Outer diameterNo. of bending cycles (C-track)2 Mio. @ 25 °CTraversing distance (C-track)5 m @ 25 °C horizontal	Max. operating temperature (fixed)	80 °C
chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 15 x Outer diameter No. of bending cycles (C-track) 2 Mio. @ 25 °C Traversing distance (C-track) 5 m @ 25 °C horizontal	Operating temperature min. (dynamic)	-5 °C
Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 15 x Outer diameter No. of bending cycles (C-track) 2 Mio. @ 25 °C Traversing distance (C-track) 5 m @ 25 °C horizontal	Operating temperature max. (dynamic)	80 °C
Oil resistance DIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 15 x Outer diameter No. of bending cycles (C-track) 2 Mio. @ 25 °C Traversing distance (C-track) 5 m @ 25 °C horizontal	chemical resistance	Good, application-related testing
Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 15 x Outer diameter No. of bending cycles (C-track) 2 Mio. @ 25 °C Traversing distance (C-track) 5 m @ 25 °C horizontal	Gasoline resistance	Good, application-related testing
Bending radius (dynamic) 15 x Outer diameter No. of bending cycles (C-track) 2 Mio. @ 25 °C Traversing distance (C-track) 5 m @ 25 °C horizontal	Oil resistance	DIN EN 60811-404
No. of bending cycles (C-track) 2 Mio. @ 25 °C Traversing distance (C-track) 5 m @ 25 °C horizontal	Bending radius (fixed)	10 x Outer diameter
Traversing distance (C-track) 5 m @ 25 °C horizontal		
		2 Mio. @ 25 °C
Travel speed (C-track) 3,3 m/s @ 25 °C	Traversing distance (C-track)	5 m @ 25 °C horizontal
	Travel speed (C-track)	3,3 m/s @ 25 °C

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: 2024-05-22

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