

M12 male 0° / M12 female 0° A-cod. V2A

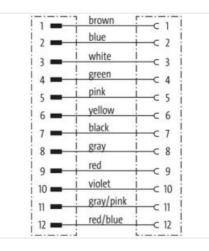
PUR 12x0.25 gy UL/CSA+drag ch. 6m

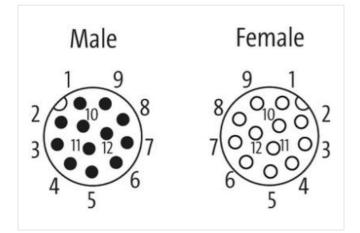
Male straight – female straight M12 – M12 12-pole Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Stainless steel 1.4305 (V2A) Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

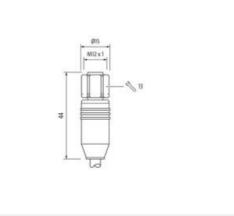
Link to Product

Illustration



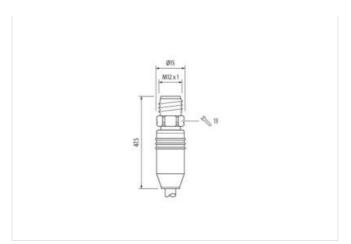






The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-06-26





Product may differ from Image



Cable length	6 m
Side 1	
Tightening torque	0,6 Nm
Family construction form	M12
Thread	M12 x 1
Coding	A
Width across flats	SW13
Side 2	
Tightening torque	0,6 Nm
Family construction form	M12
Thread	M12 x 1
Coding	A
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879654029
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	30 V
Operating voltage DC max.	30 V
Current operating per contact max.	1,5 A
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP65, IP67, IP68, IP66K
Additional condition protection degree	inserted, screwed

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Product number 3 Reade surge voltage 0.8 4V Material provang (EC 00064-1) II Mechanical dotal Material data Stanless areal 1.4035 (V2A) Mechanical dotal Material data Stanless areal 1.4035 (V2A) Mechanical dotal forming data Insurface, servered, Shaking protection Important installation notes Protect the connections by suitable measures from mechanical loads, e.g. by the usage of cable itek. Note on strain relef Protect the connections by suitable measures from mechanical loads, e.g. by the usage of cable itek. Note on train relef Protect the connections by suitable measures from mechanical loads, e.g. by the usage of cable itek. Note on train relef Protect the connections by suitable measures from mechanical loads, e.g. by the usage of cable itek. Note on train relef Protect the connections by suitable measures from mechanical loads, e.g. by the usage of cable itek. Note on train relef Protect the connections by suitable measures from mechanical loads, e.g. by the usage of cable itek. Note on train relef Protect the connections by suitable measures from mechanical loads, e.g. by the usage of cable itek. Note of cable development grappink. Volt, red-blue, brown, red, grap, black yellow, pink, grean, white, blue Cable development grappink. Volt,		
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Outer-dameter (jacket) Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 12 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 50 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor vosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Electrical resistance line constant wire 76 Ω/km @ 20 °C AC withstand voltage (wire - wire) 1,5 kV @ 60 s Electric capacitance 80000 pF/km Power frequency withstand voltage (wire - incket) 1,5 kV @ 60 s <td< td=""><td>Freedom from ingredients (jacket)</td><td></td></td<>	Freedom from ingredients (jacket)	
Material wire insulation PP Amount wires 12 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 50 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V Current load capacity min. wire 3 A Electrical resistance line constant wire 76 Ω/km @ 20 °C AC withstand voltage (wire - wire) 1,5 kV @ 60 s Electric capacitance 80000 pF/km Power frequency withstand voltage (wire - information of cold states) 1,5 kV @ 60 s Electric capacitance 1,5 kV @ 60 s Min. operating temperature (static) -40 °C	Outer-diameter (jacket)	7 mm
Amount wires 12 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 50 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor lype (wire) strand class 6 Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 3 A Electric al resistance line constant wire 76 Ω/km @ 20 °C AC withstand voltage (wire - wire) 1,5 kV @ 60 s Electric capacitance 80000 pF/km Power frequency withstand voltage (wire - interve) 1,5 kV @ 60 s Electric capacitance 1,5 kV @ 60 s Min. operating temperature (static) -40 °C	Tolerance outer diameter (sheath)	±5%
Outer diameter insulation1,25 mmOuter diameter tolerance core insulation $\pm 5 \%$ Shore hardness wire insulation 50 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)32Diameter of single wires0,1 mmConductor crosssection (wire)0,25 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strande class 6Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire3 AElectrical resistance line constant wire76 Ω/km @ 20 °CAC withstand voltage (wire - wire)1,5 kV @ 60 sElectric capacitance80000 pF/kmPower frequency withstand voltage (wire - information)1,5 kV @ 60 sMin. operating temperature (static)-40 °C	Material wire insulation	PP
Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 50 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 3 A Electrical resistance line constant wire 76 Ω/km @ 20 °C AC withstand voltage (wire - wire) 1,5 kV @ 60 s Electric capacitance 80000 pF/km Power frequency withstand voltage (wire - into extra voltage (wire - into e	Amount wires	12
Shore hardness wire insulation 50 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 3 A Electrical resistance line constant wire 76 Ω/km @ 20 °C AC withstand voltage (wire - wire) 1,5 kV @ 60 s Electric capacitance 80000 pF/km Power frequency withstand voltage (wire - jacket) 1,5 kV @ 60 s Electric capacitance 1,5 kV @ 60 s	Outer diameter insulation	1,25 mm
Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 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 (wire - wire) 1,5 kV @ 60 s Electrical resistance line constant wire 76 Ω/km @ 20 °C AC withstand voltage (wire - wire) 1,5 kV @ 60 s Electric capacitance 80000 pF/km Power frequency withstand voltage (wire - jacket) 1,5 kV @ 60 s Min. operating temperature (static) -40 °C	Outer diameter tolerance core insulation	±5%
Amount strands (wire)32Diameter of single wires0,1 mmConductor crosssection (wire)0,25 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire3 AElectrical resistance line constant wire76 Ω/km @ 20 °CAC withstand voltage (wire - wire)1,5 kV @ 60 sElectric capacitance80000 pF/kmPower frequency withstand voltage (wire - jacket)1,5 kV @ 60 sMin. operating temperature (static)-40 °C	Shore hardness wire insulation	50 ± 5 Shore D
Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 3 A Electrical resistance line constant wire 76 Ω/km @ 20 °C AC withstand voltage (wire - wire) 1,5 kV @ 60 s Electric capacitance 80000 pF/km Power frequency withstand voltage (wire - jacket) 1,5 kV @ 60 s Min. operating temperature (static) -40 °C	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Conductor crosssection (wire)0,25 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire3 AElectrical resistance line constant wire76 Ω/km @ 20 °CAC withstand voltage (wire - wire)1,5 kV @ 60 sElectric capacitance80000 pF/kmPower frequency withstand voltage (wire - jacket)1,5 kV @ 60 sMin. operating temperature (static)-40 °C	Amount strands (wire)	32
Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire3 AElectrical resistance line constant wire76 Ω/km @ 20 °CAC withstand voltage (wire - wire)1,5 kV @ 60 sElectric capacitance80000 pF/kmPower frequency withstand voltage (wire - jacket)1,5 kV @ 60 sMin. operating temperature (static)-40 °C	Diameter of single wires	0,1 mm
Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 3 A Electrical resistance line constant wire 76 Ω/km @ 20 °C AC withstand voltage (wire - wire) 1,5 kV @ 60 s Electric capacitance 80000 pF/km Power frequency withstand voltage (wire - jacket) 1,5 kV @ 60 s Min. operating temperature (static) -40 °C	Conductor crosssection (wire)	0,25 mm ²
Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 3 A Electrical resistance line constant wire 76 Ω/km @ 20 °C AC withstand voltage (wire - wire) 1,5 kV @ 60 s Electric capacitance 80000 pF/km Power frequency withstand voltage (wire - jacket) 1,5 kV @ 60 s Min. operating temperature (static) -40 °C	Material conductor wire	Stranded copper wire, bare
Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 3 A Electrical resistance line constant wire 76 Ω/km @ 20 °C AC withstand voltage (wire - wire) 1,5 kV @ 60 s Electric capacitance 80000 pF/km Power frequency withstand voltage (wire - jacket) 1,5 kV @ 60 s Min. operating temperature (static) -40 °C	Conductor type (wire)	strand class 6
Current load capacity min. wire 3 A Electrical resistance line constant wire 76 Ω/km @ 20 °C AC withstand voltage (wire - wire) 1,5 kV @ 60 s Electric capacitance 80000 pF/km Power frequency withstand voltage (wire - jacket) 1,5 kV @ 60 s Min. operating temperature (static) -40 °C	Nominal voltage AC max.	300 V
Electrical resistance line constant wire 76 Ω/km @ 20 °C AC withstand voltage (wire - wire) 1,5 kV @ 60 s Electric capacitance 80000 pF/km Power frequency withstand voltage (wire - jacket) 1,5 kV @ 60 s Min. operating temperature (static) -40 °C	Current load capacity (standard)	to DIN VDE 0298-4
AC withstand voltage (wire - wire) 1,5 kV @ 60 s Electric capacitance 80000 pF/km Power frequency withstand voltage (wire - jacket) 1,5 kV @ 60 s Min. operating temperature (static) -40 °C	Current load capacity min. wire	3 A
Electric capacitance 80000 pF/km Power frequency withstand voltage (wire - jacket) 1,5 kV @ 60 s Min. operating temperature (static) -40 °C	Electrical resistance line constant wire	76 Ω/km @ 20 °C
Power frequency withstand voltage (wire - jacket) 1,5 kV @ 60 s Min. operating temperature (static) -40 °C	AC withstand voltage (wire - wire)	1,5 kV @ 60 s
jacket) 1,5 kV @ 60 S Min. operating temperature (static) -40 °C	Electric capacitance	80000 pF/km
0.00		1,5 kV @ 60 s
Max. operating temperature (fixed) 80 °C	Min. operating temperature (static)	-40 °C
	Max. operating temperature (fixed)	80 °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: 2024-06-26



Operating temperature min. (dynamic)	-20 °C
Operating temperature max. (dynamic)	80 °C
Flame resistance	UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	10 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter
No. of bending cycles (C-track)	3 Mio. @ 25 °C
Traversing distance (C-track)	5 m @ 25 °C horizontal
Travel speed (C-track)	2 m/s @ 25 °C

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