

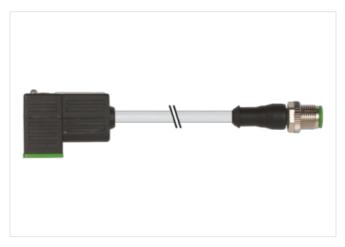
M12 male 0° A-cod. / MSUD valve plug C-8mm

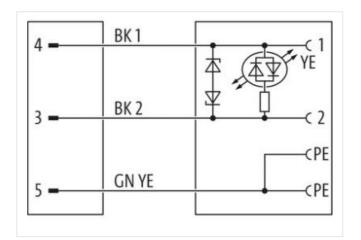
PUR 3x0.75 gy UL/CSA 3m

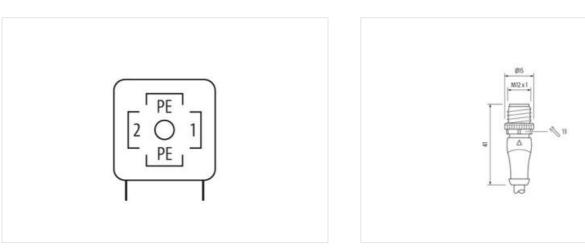
Form C (8 mm) – M12, male straight 24 V AC ±20% / DC ±25% LED and suppression Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

Link to Product

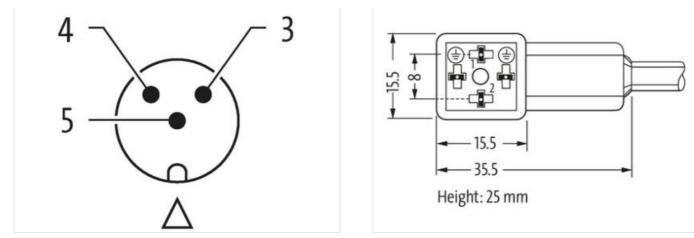












Product may differ from Image



Cable length	3 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal \emptyset)	10 mm
Coding	A
No. of poles	3
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP67
Side 2	
Tightening torque	0,4 Nm
Family construction form	MSUD C
Thread	M2.5
No. of poles	4
Degree of protection (EN IEC 60529)	IP67
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	4048879146029
Packaging unit	1
Electrical data	
Capacity CX	20 ms

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Electrical data | Supply

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
Diagnostics	
Status indication LED	yellow
Device protection Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	0,8 kV
Material group (IEC 60664-1)	I
Additional suppressor	Z-Diode
Mechanical data Material data	
Coating locking	Nickeled
Color housing	black
Material housing	Plastic
Locking material	Zinc die-casting
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
Conformity	
Product standard	DIN EN 61076-2-101 (M12): DIN EN 175301-803 (Valve Plug)
Product standard	DIN EN 61076-2-101 (M12); DIN EN 175301-803 (Valve Plug)
Product standard Installation Cable	DIN EN 61076-2-101 (M12); DIN EN 175301-803 (Valve Plug)
Installation Cable Cable identification	DIN EN 61076-2-101 (M12); DIN EN 175301-803 (Valve Plug) 226
Installation Cable Cable identification Cable Type	
Installation Cable Cable identification Cable Type Jacket Color	226 2 gray
Installation Cable Cable identification Cable Type Jacket Color Type of Certificate	226 2 gray cURus
Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding	226 2 gray cURus 1
Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding	226 2 gray cURus 1 3 wires twisted
Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement	226 2 gray cURus 1 3 wires twisted black 1, black 2, green-yellow
Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track)	226 2 gray cURus 1 3 wires twisted black 1, black 2, green-yellow 2 Mio. @ 25 °C
Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track) Cable weigth	226 2 gray cURus 1 3 wires twisted black 1, black 2, green-yellow 2 Mio. @ 25 °C 55,33 g/m
Installation CableCable identificationCable TypeJacket ColorType of CertificateAmount strandingStrandingwire arrangementNo. of bending cycles (C-track)Cable weigthMaterial jacket	226 2 gray cURus 1 3 wires twisted black 1, black 2, green-yellow 2 Mio. @ 25 °C 55,33 g/m PUR
Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track) Cable weigth	226 2 gray cURus 1 3 wires twisted black 1, black 2, green-yellow 2 Mio. @ 25 °C 55,33 g/m PUR 85 ± 5 Shore A
Installation CableCable identificationCable TypeJacket ColorType of CertificateAmount strandingStrandingwire arrangementNo. of bending cycles (C-track)Cable weigthMaterial jacket	226 2 gray cURus 1 3 wires twisted black 1, black 2, green-yellow 2 Mio. @ 25 °C 55,33 g/m PUR
Installation CableCable identificationCable TypeJacket ColorType of CertificateAmount strandingStrandingwire arrangementNo. of bending cycles (C-track)Cable weigthMaterial jacketShore hardness jacketFreedom from ingredients (jacket)Outer-diameter (jacket)	226 gray cURus 1 3 wires twisted black 1, black 2, green-yellow 2 Mio. @ 25 °C 55,33 g/m PUR 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free 5,9 mm
Installation CableCable identificationCable TypeJacket ColorType of CertificateAmount strandingStrandingStrandingwire arrangementNo. of bending cycles (C-track)Cable weigthMaterial jacketShore hardness jacketFreedom from ingredients (jacket)	226 2 gray cURus 1 3 wires twisted black 1, black 2, green-yellow 2 Mio. @ 25 °C 55,33 g/m PUR 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free 5,9 mm ± 5 %
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Installation CableCable identificationCable TypeJacket ColorType of CertificateAmount strandingStrandingStrandingwire arrangementNo. of bending cycles (C-track)Cable weigthMaterial jacketShore hardness jacketFreedom from ingredients (jacket)Outer-diameter (jacket)Tolerance outer diameter (sheath)Material inner jacketMaterial wire insulation	226 2 gray cURus 1 3 wires twisted black 1, black 2, green-yellow 2 Mio. @ 25 °C 55,33 g/m PUR 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 5,9 mm ± 5 % PVC PVC
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Installation CableCable identificationCable TypeJacket ColorType of CertificateAmount strandingStrandingwire arrangementNo. of bending cycles (C-track)Cable weigthMaterial jacketShore hardness jacketFreedom from ingredients (jacket)Outer-diameter (jacket)Tolerance outer diameter (sheath)Material inner jacketMaterial wire insulationAmount wiresOuter diameter insulation	226 2 gray cURus 1 3 wires twisted black 1, black 2, green-yellow 2 Mio. @ 25 °C 55,33 g/m PUR 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 5,9 mm ± 5 % PVC PVC PVC 3 1,8 mm

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Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	42
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,75 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	12 A
Electrical resistance line constant wire	26 Ω/km @ 20 °C
Nominal voltage power AC max.	300 V
Power frequency withstand voltage power (wire - jacket)	2 kV @ 60 s
AC withstand voltage power (wire - wire)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404 Good, application-related testing
Bending radius (fixed)	10 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter

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