

MSUD double valve B-10mm with cable

PUR 4x0.75 ye UL/CSA+drag ch. 3m

Form B (10 mm) 24 V AC ±20% / DC ±25% LED and suppression Connection cable L = 100 mm Further cable lengths on request.

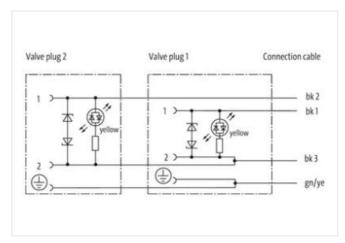
Plastic housings with good resistance against chemicals and oils.

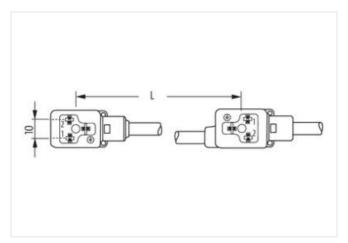
The resistance to aggressive media should be individually tested for your application. Further details on request.

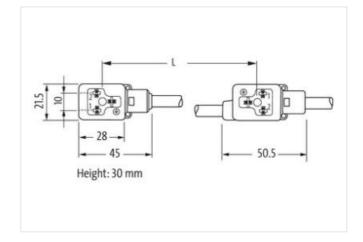
Link to Product

Illustration









Product may differ from Image



Cable length 3 m

Side 1

0,4 Nm Tightening torque



Egista Commercial data C	Thread	M3
Thread	Side 2	
Thread	Tightening torque	0.4 Nm
Commercial data Content Conten		
ECLASS-6.0 27061801 oustons furif number 8544290 GTIN 406950959448 Packaging und 1 Electrical data Disposit diday time max. 20 ms Electrical data Supply Operating voltage AC 24 V Operating voltage AC m. 19,2 V Operating voltage AC m. 19,2 V Operating voltage DC max. 28,8 V Operating voltage DC max. 30 V Operating tomperature max. 85 V Operating tomperature max. 85 VC Operating tomperature max. 8		
customs tariff number		07064904
GTM 466990999448 Packaging unit 1 Packaging unit 1 Drop out dotay time max. 20 ms Electrical data Suppty Operating voltage AC min. 19,2 V Operating voltage AC min. 18,0 V Operating voltage DC min. 18 V Operating voltage max. 55 V Current operating per contact max. 4 A Current consumption max. 12 mA Diagnostics Status indication LED yellow Device protection Electrical Degree of protection (EM IEC 65629) IP67 Additional condition protection degree inserted, screwed Rated surge voltage of the Marketin data Color housing black Material data Mounting data Mounting method inserted, sorewed Environmental characteristics Climatic Environmental		
Packaging unit 1 Electrical data Supply Operating voltage AC 24 V Operating voltage AC min. 19.2 V Operating voltage AC min. 19.2 V Operating voltage AC min. 19.2 V Operating voltage DC min. 19.2 V Operating voltage DC min. 19.4 V Operating voltage DC min. 19.4 V Operating voltage DC min. 19.4 V Operating voltage DC min. 19.5 V Operating voltage DC min. 19.4 V Out-off peak voltage max. 25 V Out-off peak voltage max. 12 min V Out-off peak voltage max. 12 min V Out-off peak voltage max. 12 min V Operating personners of the V Operating the protection of Electrical Degree of protection (EN IEC 69529) IP67 Additional condition protection degree inserted, screwed Rates urge voltage 0.8 kV Mechanical data I Naterial data Older housing black Material Nowling black Material Nowling atta Mounting method inserted, screwed Environmental characteristics Climatic Operating temperature min. 25 °C Operating temperature min. 25 °C Additional condition temperature range depending on cable quality Important installation notes Note on shari retiel Protection class can be entangened by excessive bending rocks. Installation Cable with example of the connectors by suitable measures from mechanical leads, e.g., by the usage of cable idea. Attention: Coserve the perminsible banding radii when laying cables, as the IP protection class can be entangened by excessive bending forces. Installation of Cable identification 037 Cable Identification withe (solution black) Jacket Cofor yes low 4 wires wisted		
Electrical data Supply		
Disposition Comment Disposition Disp		
Decrating voltage AC		
Operating voltage AC min. 19.2 V Operating voltage DC 2.4 V Operating voltage DC min. 18 V Operating voltage DC min. 19 V Out-off peak voltage max. 55 V Out-off peak voltage max. 4 A Out-off peak voltage max. 12 mA Diagnostics Status indication LED yellow Device protection Electrical yellow Cable (devitical yellow) Type of Cable yellow Type of Cable yellow Hotel yellow Type of Cable yellow Hotel		20 ms
Departing voltage AC min.	Electrical data Supply	
Operating voltage AC max. 28,8 V	Operating voltage AC	24 V
Operating voltage DC min.		-
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 Current operating per contact max. 12 mA Diagnostics Status indication LED yellow Degree of 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 Mechanical data [Mounting data Plastic Mechanical data [Mounting data Mounting method Mounting method inserted, screwed Environmental characteristics Climatic Coperating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes 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 Type		· · · · · · · · · · · · · · · · · · ·
Operating voltage DC max. 30 V Cut-off peak voltage max. 55 V Cutrent operating per contact max. 4 A Current consumption max. 12 mA Diagnostics Status indication LED yellow Device protection Electrical Degree of protection Electrical Degr		
Cut-off peak voltage max. 55 V Current operating per contact max. 4 A Current consumption max. 12 mA Diagnostics Status indication LED yellow 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 Mechanical data Mounting data Mounting method inserted, screwed Environmental characteristics Climatic Operating temperature min25 °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 037 Cable Type 3 Printing color of wire insulation white (isolation black) Jacket Color yellow Type of Certificate CURus Amount stranding 1 Stranding 4 wires twisted		
Current operating per contact max. 12 mA Current consumption max. 12 mA Diagnostics Status indication LED yellow Device protection Electrical Degree of protection Electrical Degree of protection protection degree inserted, screwed Rated surge voltage 0,8 kV Mechanical data Material data Color housing black Material housing Plastic Mounting method inserted, screwed Environmental characteristics Climatic Environmental characteristics Climatic Operating temperature min25 °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. Installation Cable wire arrangement black 1, black 2, black 3, green-yellow Cable identification 037 Cable I Type 3 Printing color of wire insulation white (isolation black) Jacket Color Type of Certificate CulPus Amount straining 4 wires twisted		
Diagnostics Status indication LED yellow		
Status indication LED yellow 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 Mechanical data Mounting data Mounting method inserted, screwed Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Note on bending radius Attention Cobserve 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 037 Printing color of wire insulation white (isolation black) Jacket Color yellow Type of Certificate culRus Atwesseries Linear URus Amount stranding 1 Stranding 4 wires twisted		
Status indication LED yellow 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 Mechanical data Mounting data Mounting method inserted, screwed Environmental characteristics Climatic Operating temperature min25 °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. 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 037 Cable Type 3 Printing color of wire insulation white (isolation black) Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 4 wires twisted	·	12 mA
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 Mechanical data Mounting data Mounting method inserted, screwed Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C Additional condition emperature 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. 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 037 Cable (Type 3 Printing color of wire insulation white (isolation black) Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 4 wires twisted	Diagnostics	
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 Mechanical data Mounting data Mounting method inserted, screwed Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C Additional condition emperature 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. 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 037 Cable Type 3 Printing color of wire insulation white (isolation black) Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 4 wires twisted	Status indication LED	yellow
Additional condition protection degree inserted, screwed Rated surge voltage 0,8 kV Mechanical data Material data Color housing black Material housing Plastic Mechanical data Mounting data Mounting method inserted, screwed Environmental characteristics Climatic Operating temperature min25 °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. 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 037 Cable identification white (isolation black) Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 4 wires twisted	Device protection Electrical	
Rated surge voltage 0,8 kV Mechanical data Material data Color housing black Material housing Plastic Mechanical data Mounting data Mounting method inserted, screwed Environmental characteristics Climatic Operating temperature min25 °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 037 Cable Type 3 Printing color of wire insulation white (isolation black) Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 4 wires twisted	Degree of protection (EN IEC 60529)	IP67
Mechanical data Material data Color housing black Material housing Plastic Mechanical data Mounting data Mounting method inserted, screwed Environmental characteristics Climatic Operating temperature min25 °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. 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 037 Cable Type 3 Printing color of wire insulation white (isolation black) Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 4 wires twisted	Additional condition protection degree	inserted, screwed
Color housing black Material housing Plastic Mechanical data Mounting data Mounting method inserted, screwed Environmental characteristics Climatic Operating temperature min25 °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 037 Cable Type 3 Printing color of wire insulation white (isolation black) Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 4 wires twisted	Rated surge voltage	0,8 kV
Material housing Plastic Mechanical data Mounting data Mounting method inserted, screwed Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max85 °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 037 Cable Type 3 Printing color of wire insulation white (isolation black) Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 4 wires twisted	Mechanical data Material data	
Mechanical data Mounting method inserted, screwed Environmental characteristics Climatic Operating temperature min25 °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 037 Cable identification 037 Cable Type 3 Printing color of wire insulation white (isolation black) Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 4 wires twisted	Color housing	black
Mounting method inserted, screwed Environmental characteristics Climatic Operating temperature min25 °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 037 Cable Type 3 Printing color of wire insulation white (isolation black) Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 4 wires twisted	Material housing	Plastic
Mounting method inserted, screwed Environmental characteristics Climatic Operating temperature min25 °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 037 Cable Type 3 Printing color of wire insulation white (isolation black) Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 4 wires twisted	Mechanical data Mounting data	
Environmental characteristics Climatic Operating temperature min. Operating temperature max. 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 037 Cable Type 3 Printing color of wire insulation white (isolation black) Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 4 wires twisted		inserted screwed
Operating temperature min. 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. 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 037 Cable Type 3 Printing color of wire insulation white (isolation black) Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 4 wires twisted	-	
Additional condition temperature max. 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 037 Cable Type 3 Printing color of wire insulation white (isolation black) Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 4 wires twisted		05.00
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 037 Cable Type 3 Printing color of wire insulation white (isolation black) Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 4 wires twisted		
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 037 Cable Type 3 Printing color of wire insulation white (isolation black) Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 4 wires twisted		
Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. 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 037 Cable Type 3 Printing color of wire insulation white (isolation black) Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 4 wires twisted		depending on cable quality
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 037 Cable Type 3 Printing color of wire insulation white (isolation black) Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 4 wires twisted	Important installation notes	
Installation Cable wire arrangement black 1, black 2, black 3, green-yellow Cable identification 037 Cable Type 3 Printing color of wire insulation white (isolation black) Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 4 wires twisted	Note on strain relief	
wire arrangement black 1, black 2, black 3, green-yellow Cable identification 037 Cable Type 3 Printing color of wire insulation white (isolation black) Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 4 wires twisted	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.
Cable identification 037 Cable Type 3 Printing color of wire insulation white (isolation black) Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 4 wires twisted	Installation Cable	
Cable Type 3 Printing color of wire insulation white (isolation black) Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 4 wires twisted	wire arrangement	black 1, black 2, black 3, green-yellow
Printing color of wire insulation white (isolation black) Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 4 wires twisted	Cable identification	037
Jacket ColoryellowType of CertificatecURusAmount stranding1Stranding4 wires twisted	Cable Type	3
Type of Certificate cURus Amount stranding 1 Stranding 4 wires twisted	Printing color of wire insulation	white (isolation black)
Amount stranding 1 Stranding 4 wires twisted	Jacket Color	yellow
Stranding 4 wires twisted	Type of Certificate	cURus
·	Amount stranding	1
wire arrangement black 1, black 2, black 3, green-yellow	Stranding	4 wires twisted
	wire arrangement	black 1, black 2, black 3, green-yellow



sta	vconi	nected
SLU	y com	iecteu

Cable weigth	69,3 g/m
Material jacket	PUR
Shore hardness jacket	90 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	6,5 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PP
Amount wires	4
Outer diameter insulation	1,85 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	70 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-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 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	9,6 A
Electrical resistance line constant wire	26 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2,5 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2,5 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
Flame resistance	UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090
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)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	10 Mio. @ 25 °C
Traversing distance (C-track)	10 m @ 25 °C horizontal
Travel speed (C-track)	3 m/s @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min