

## Valve plug MJC 90° with cable LED+VDR

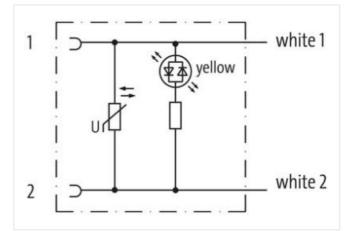
RADOX EM 104 2x0.75 bk 20m

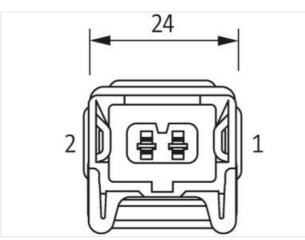
Female 90° 12...24 V AC/DC LED and VDR with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

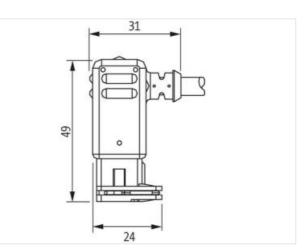
## Link to Product

Illustration









Product may differ from Image

Cable length	20 m	
Side 2		
Stripping length (jacket)	50 mm	
Commercial data		
ECLASS-6.0	27279221	
ECLASS-7.0	27440104	
ECLASS-8.0	27440104	

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ECLASS-9.0	27440102
ECLASS-10.1	27060312
ECLASS-11.1	27060312
ECLASS-12.0	27060312
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879699853
Packaging unit	1
Electrical data   Supply	
Operating voltage AC min.	12 V
Operating voltage AC max.	24 V
Operating voltage DC min.	12 V
Operating voltage DC max.	24 V
Current operating per contact max.	4 A
Diagnostics	
Status indication LED	yellow
Installation   Connection	
Stripping length (jacket)	50 mm
Device protection   Electrical	
Pollution Degree	3
Rated surge voltage	0,8 kV
Material group (IEC 60664-1)	I
Additional suppressor	Varistor
Device protection   Media	
Flame resistance	flame retardant
Mechanical data   Material data	
Mechanical data   Material data Color housing	black
· ·	black Plastic
Color housing	
Color housing Material housing	
Color housing Material housing Environmental characteristics   Climatic	Plastic
Color housing Material housing Environmental characteristics   Climatic Operating temperature min.	Plastic -25 °C
Color housing Material housing Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range	Plastic -25 °C 85 °C
Color housing Material housing Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Installation   Cable	Plastic -25 °C 85 °C depending on cable quality
Color housing Material housing Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Installation   Cable Cable identification	Plastic -25 °C 85 °C depending on cable quality R21
Color housing   Material housing   Environmental characteristics   Climatic   Operating temperature min.   Operating temperature max.   Additional condition temperature range   Installation   Cable   Cable identification   Printing color of wire insulation	Plastic -25 °C 85 °C depending on cable quality R21 black (white isolation)
Color housing   Material housing   Environmental characteristics   Climatic   Operating temperature min.   Operating temperature max.   Additional condition temperature range   Installation   Cable   Cable identification   Printing color of wire insulation   Jacket Color	Plastic   -25 °C 85 °C   depending on cable quality   R21   black (white isolation)   black
Color housing   Material housing   Environmental characteristics   Climatic   Operating temperature min.   Operating temperature max.   Additional condition temperature range   Installation   Cable   Cable identification   Printing color of wire insulation   Jacket Color   Stranding	Plastic   -25 °C 85 °C   depending on cable quality   R21   black (white isolation)   black   2 wires twisted
Color housing   Material housing   Environmental characteristics   Climatic   Operating temperature min.   Operating temperature max.   Additional condition temperature range   Installation   Cable   Cable identification   Printing color of wire insulation   Jacket Color   Stranding   Filler	Plastic   -25 °C 85 °C   depending on cable quality   R21   black (white isolation)   black   2 wires twisted   yes
Color housing   Material housing   Environmental characteristics   Climatic   Operating temperature min.   Operating temperature max.   Additional condition temperature range   Installation   Cable   Cable identification   Printing color of wire insulation   Jacket Color   Stranding   Filler   wire arrangement	Plastic   -25 °C 85 °C   depending on cable quality   R21   black (white isolation)   black   2 wires twisted   yes   white 1, white 2
Color housing   Material housing   Environmental characteristics   Climatic   Operating temperature min.   Operating temperature max.   Additional condition temperature range   Installation   Cable   Cable identification   Printing color of wire insulation   Jacket Color   Stranding   Filler   wire arrangement   Cable weigth	Plastic   -25 °C 85 °C   depending on cable quality   R21   black (white isolation)   black   2 wires twisted   yes
Color housing   Material housing   Environmental characteristics   Climatic   Operating temperature min.   Operating temperature max.   Additional condition temperature range   Installation   Cable   Cable identification   Printing color of wire insulation   Jacket Color   Stranding   Filler   wire arrangement   Cable weigth   Material jacket	Plastic   -25 °C 85 °C   depending on cable quality   R21   black (white isolation)   black   2 wires twisted   yes   white 1, white 2   48,4 g/m
Color housing   Material housing   Environmental characteristics   Climatic   Operating temperature min.   Operating temperature max.   Additional condition temperature range   Installation   Cable   Cable identification   Printing color of wire insulation   Jacket Color   Stranding   Filler   wire arrangement   Cable weigth   Material jacket   Outer-diameter (jacket)	Plastic   -25 °C   85 °C   depending on cable quality   R21   black (white isolation)   black (white isolation)   black   2 wires twisted   yes   white 1, white 2   48,4 g/m   Radox EM 104
Color housing   Material housing   Environmental characteristics   Climatic   Operating temperature min.   Operating temperature max.   Additional condition temperature range   Installation   Cable   Cable identification   Printing color of wire insulation   Jacket Color   Stranding   Filler   wire arrangement   Cable weigth   Material jacket	Plastic   -25 °C   85 °C   depending on cable quality   R21   black (white isolation)   black   2 wires twisted   yes   white 1, white 2   48,4 g/m   Radox EM 104   4,75 mm
Color housing   Material housing   Environmental characteristics   Climatic   Operating temperature min.   Operating temperature max.   Additional condition temperature range   Installation   Cable   Cable identification   Printing color of wire insulation   Jacket Color   Stranding   Filler   wire arrangement   Cable weigth   Material jacket   Outer-diameter (jacket)   Tolerance outer diameter (sheath)   Material wire insulation	Plastic   -25 °C 85 °C   depending on cable quality   R21   black (white isolation)   black   2 wires twisted   yes   white 1, white 2   48,4 g/m   Radox EM 104   4,75 mm   ± 5 %   Radox EI 303
Color housing   Material housing   Environmental characteristics   Climatic   Operating temperature min.   Operating temperature max.   Additional condition temperature range   Installation   Cable   Cable identification   Printing color of wire insulation   Jacket Color   Stranding   Filler   wire arrangement   Cable weigth   Material jacket   Outer-diameter (jacket)   Tolerance outer diameter (sheath)   Material wire insulation   Amount wires	Plastic   -25 °C 85 °C   depending on cable quality   R21   black (white isolation)   black   2 wires twisted   yes   white 1, white 2   48,4 g/m   Radox EM 104   4,75 mm   ± 5 %   Radox EI 303   2
Color housingMaterial housingEnvironmental characteristics   ClimaticOperating temperature min.Operating temperature max.Additional condition temperature rangeInstallation   CableCable identificationPrinting color of wire insulationJacket ColorStrandingFillerwire arrangementCable weigthMaterial jacketOuter-diameter (jacket)Tolerance outer diameter (sheath)Material wire insulationAmount wiresOuter diameter insulation	Plastic   -25 °C 85 °C   depending on cable quality   R21   black (white isolation)   black (white isolation)   black   2 wires twisted   yes   white 1, white 2   48,4 g/m   Radox EM 104   4,75 mm   ± 5 %   Radox EI 303   2   1,62 mm
Color housing   Material housing   Environmental characteristics   Climatic   Operating temperature min.   Operating temperature max.   Additional condition temperature range   Installation   Cable   Cable identification   Printing color of wire insulation   Jacket Color   Stranding   Filler   wire arrangement   Cable weigth   Material jacket   Outer-diameter (jacket)   Tolerance outer diameter (sheath)   Material wire insulation   Amount wires   Outer diameter tolerance core insulation	Plastic   -25 °C 85 °C   depending on cable quality   R21   black (white isolation)   black (white isolation)   black   2 wires twisted   yes   white 1, white 2   48,4 g/m   Radox EM 104   4,75 mm   ± 5 %   Radox EI 303   2   1,62 mm   ± 5 %
Color housing   Material housing   Environmental characteristics   Climatic   Operating temperature min.   Operating temperature max.   Additional condition temperature range   Installation   Cable   Cable identification   Printing color of wire insulation   Jacket Color   Stranding   Filler   wire arrangement   Cable weigth   Material jacket   Outer-diameter (jacket)   Tolerance outer diameter (sheath)   Material wire insulation   Amount wires   Outer diameter tolerance core insulation   Printing color of wire insulation	Plastic   -25 °C 85 °C   depending on cable quality   R21   black (white isolation)   black (white isolation)   black   2 wires twisted   yes   white 1, white 2   48,4 g/m   Radox EM 104   4,75 mm   ± 5 %   Radox EI 303   2   1,62 mm
Color housing   Material housing   Environmental characteristics   Climatic   Operating temperature min.   Operating temperature max.   Additional condition temperature range   Installation   Cable   Cable identification   Printing color of wire insulation   Jacket Color   Stranding   Filler   wire arrangement   Cable weigth   Material jacket   Outer-diameter (jacket)   Tolerance outer diameter (sheath)   Material wire insulation   Amount wires   Outer diameter tolerance core insulation	Plastic   -25 °C   85 °C   depending on cable quality   R21   black (white isolation)   black (white isolation)   black   2 wires twisted   yes   white 1, white 2   48,4 g/m   Radox EM 104   4,75 mm   ± 5 %   Radox EI 303   2   1,62 mm   ± 5 %   black (white isolation)
Color housing   Material housing   Environmental characteristics   Climatic   Operating temperature min.   Operating temperature max.   Additional condition temperature range   Installation   Cable   Cable identification   Printing color of wire insulation   Jacket Color   Stranding   Filler   wire arrangement   Cable weigth   Material jacket   Outer-diameter (jacket)   Tolerance outer diameter (sheath)   Material wire insulation   Amount wires   Outer diameter tolerance core insulation   Printing color of wire insulation   Amount strands (wire)	Plastic   -25 °C   85 °C   depending on cable quality   R21   black (white isolation)   black (white isolation)   black   2 wires twisted   yes   white 1, white 2   48,4 g/m   Radox EM 104   4,75 mm   ± 5 %   Radox EI 303   2   1,62 mm   ± 5 %   black (white isolation)   19

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Material conductor wire	copper stranded wire, tinned
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
Max. rated voltage power (conductor - ground)	600 V
Max. rated voltage power (conductor - conductor)	1000 V
Power frequency withstand voltage power (wire - jacket)	3,5 kV
AC withstand voltage power (wire - wire)	3,5 kV
Min. operating temperature (static)	-50 °C
Max. operating temperature (fixed)	120 °C
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	90 °C
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	Good, application-related testing   DIN EN 60811-404
Bending radius (fixed)	3 x Outer diameter
Bending radius (dynamic)	4 x Outer diameter

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