

M12 female 0° A-cod. with cable

RADOX EM 104 4x0.5 bk 20m

Female straight M12, 4-pole with cable sleeves

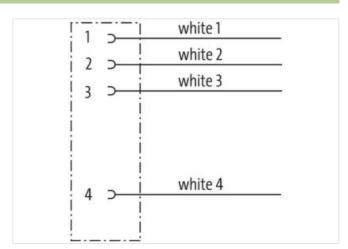
Plastic housings with good resistance against chemicals and oils.

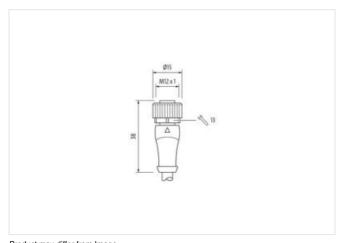
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

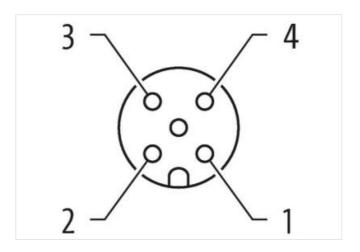
Link to Product

Illustration









Product may differ from Image

Cable length	20 m
Side 1	
Tightening torque	0,6 Nm
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
Width across flats	SW13

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: 2024-05-30



stay connected

Stropping length (socker) 40 mm Commercial data Commercial data ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-9.1 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 ECOMOSTI ETM-5.0 ECOMOSTI GTIN 40486776808301 Packaging unit 1 Electrical data Supply Operating voltage AC max. 25 0 V Operating voltage CD max. 25 0 V Current operating per contact max. 4 A Installation Connection 40 mm Bering voltage CD max. 25 0 V Operating voltage portage of contact max. 4 A Bridged surge voltage 2,5 x V Malerial group (EC 00064-1) 1 Mechanical data Mounting data Nickeded Material pouling pumperature min. 25 ° C Operating tomporature max. 45 ° C Operating tomporatu	Side 2	
Commercial data CLIASS-0.0 27279218 CCIASS-7.0 27279218 CCIASS-8.0 27279218 CCIASS-8.0 27090311 CCIASS-1.0.1 27090311 CCIASS-1.1 27090311 CCIASS-1.2.0 27090311 ETIM-5.0 E001825 customs farfin number 8544200 GTIN 4048679682831 Pelackaging unit 1 Electrical datal Supply Voperating voltage AC max. Operating voltage AC max. 250 V Current operating per contact max. 4 A Installation Connection 250 V Current operating per contact max. 4 A Pollusion Dayree 3 Relacis surge voltage CE max. 25 V Current operating per contact max. 4 A Installation Connection 1 Divide protection Electrical 4 M Divide protection Electrical 1 Mechanical State of Maximum (action to the protection of the protec	Stripping length (jacket)	40 mm
ECLASS-6.0 27270218 ECLASS-7.0 27270218 ECLASS-8.0 27270218 ECLASS-8.0 2720211 ECLASS-11.1 27060311 ECLASS-11.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ELECTICAL STATE STA	,	
ECUASS 7.0 27278218 ECUASS 8.0 2778218 ECUASS 9.0 27068311 ECUASS 9.1.0.1 27068311 ECUASS 9.1.1 27068311 ECUASS 9.1.2 27068311 ECUASS 9.1.2 27068311 ECUASS 9.1.2 27068311 ECUASS 9.2.2 27078311 EVECTION 9.2.2 4 EVECTION 9.2.2 4 EVECTION 9.2.2 4 EVECTION 9.2.2 4 EVECTION 1.0.2 4 EVECTION 1.0.2		27270218
ECLASS-8.0 27796011 ECLASS-10.1 2706011 ECLASS-11.1 27090311 ECLASS-11.1 27090311 ECLASS-11.1 27090311 ETM 5.0 ECONESS Unidons startif number 8544280 ETM 5.0 40897682831 Each 5.0 40897682831 Each 6.0 408976828331 Each 6.0 408976828331 Each 6.0 408976828331 Each 6.0 408976828333 Each 6.0 40897683333 Each 6.0 408976833333 Each 6.0 40897683333 Each 6.0 40897683333 Each 6.0 408976833333 Each 6.0 40897683333 Each 6.0 40897683333 Each 6.0 408976833333 Each 6.0 408		
ECLASS-8.0 27960311 ECLASS-1.1 27960311 ECLASS-1.1 27960311 ECLASS-1.1 27960311 ECLASS-1.2 27060311 ELECTASS-1.2 2706031 ELECTASS-1.2 27		
EGLASS-10.1 2706031 1 EGLASS-11.1 2706031 1 EGLASS-12.0 2706031 1 ETIM-5.0 EC001855 Euctors tarif number 65444290 OTTN 406897982831 Packaging unit 1 Electrical data Supply Feberical supply Operating voltage AC max. 250 V Operating production 4 Installation Commedion Stropping length (lacket) Stripping length (lacket) 40 mm Device protection Electrical PUR Pullution Degree 3 Rated surge voltage 2,5 kV Macrarial proup (IEC 60684-1) 1 Mechanical data Material data Zinc die-casting Machanical data Munting data Zinc die-casting Mechanical data Munting data Zinc die-casting Mechanical data Munting data Zinc die-casting Mechanical data Munting data Zinc die-casting Mounting method Inserted, screwed, Shaking protection Bertronnental characteristics Climatic Cincting Operating tempera		
ECLASS-11 1 27960311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ETIM 5.0 EC001885 sustoms staff number 85444290 STIN 4048879882831 Packaging unit 1 Electrical data Supply Operating voltage AC max. Operating voltage PC max. 250 V Operating voltage PC max. 250 V Outrent operating per contact max. 4 A Installation Connection Stripping length (socket) 40 mm Device protection Electrical Stripping length (socket) 40 mm Material group (IEC 60664-1) 1 Mobilition Burder Moterial flowing Nickeled Material housing PUR Mounting method Inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature mix. 25 °C Operating temperature mix. 85 °C Operating temperature mix. 85 °C		
ECLASS-12.0 27060311 ETIM-S.D EC001855 Usustons tariff number 85444290 GTIN 404887962831 Packaging unit 1 Electrical data Suppty 1 Operating voltage AC max. 250 V Operating voltage DC max. 250 V Unerthorecasting per contact max. 4 A Installation Connection Stropping length (jacket) Power protection Electrical Per contact max. 4 A Power protection Electrical Per contact max. 4 N Makerial prouj (EC 60664-1) I Mechanical data Material data Mickeled Material powing (EC 60664-1) I Mechanical data Mounting data Mickeled Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Contact max. 45 °C Operating temperature min. -25 °C Operating temperature mi		
ETIM-5.0 EC001855 customs starlf number 85444290 STIN 40487968281 Packaging unit 1 Electrical data Suppty V Operating voltage AC max. 250 V Operating voltage DC max. 250 V Current operating per contact max. 4 A Installation Connection Installation Connection Breviols projection Electrical V Pollution Degree 3 Rated surge voltage 2,5 kV Material group (EC 60664-1) 1 Mechanical data Material data Nickeled Material proseption (EC 60664-1) PUR Locking material Nickeled Material proseption (EC 60664-1) PUR Locking material Sector Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Contraction (Sector) Poperating temperature max. 85 °C Operating temperature max. 85 °C Volument on the prature range of product shander (Sector) Protect the connectors by suitable measures from mechanica		
customs tariff number 85444290 GTIN 404887682831 Packaging unit 1 Electrical data Supply Operating voltage AC max. 250 V Current operating per contact max. 4 A Installation Connection Stripping length (jackot) 40 mm Powice protection Electrical I I Mechanical data Material data Coating obking Nickeled Material housing PW PR Locking material 2 Inc die casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection 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 lises. Note on bording radius Attention: Observe the permissible bording radii when laying cables, as the IP protection class can be ordangered by excessive bording forces. Conformity Product standard Date wire arrangement white 1, white 2, white 3, white 4 Cable identification bilack (white isolation) Pirnting spacing of wire insulation white 1, white 2, white 3, white 4 Cable identification 4 wire insulation bilack (white isolation) Pirnting spacing of wire insulation white 1, white 2, white 3, white 4 Cable identification 50 wire insulation bilack wire insulation white 1, white 2, white 3, white 4		
GTIN 4048879682831 Packaging unit 1 Committed Com		
Packaging unit 1 Electrical data Supply Operating voltage AC max. 250 V Operating voltage DC max. 250 V Current operating per contact max. 4 A Installation Connection Sitipping length (lacket) 40 mm Device protection Electrical Pollution Degree 3 Raled surge voltage 2,5 kV Material group (IEC 60664-1) 1 Mechanical data Meterial data Meterial droup (IEC 60664-1) 2 Coating locking Nickeldd Material nousing PUR Locking material Zinc de-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental Characteristics Climatic Operating temperature mix. 25 °C C Operating temperature mix. 25 °C C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important Installation notes Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be ondangered by excessive bending forces. Contemity Product standard DIN EN 61076-2-101 (M12) Installation Cable wire arrangement white 1, white 2, white 3, white 4 Cable identification Diack (white isolation) Printing spacing of wire insulation 15 mm Jakek Color of wire insulation 4 wires twisted wire arrangement white 1, white 2, white 3, white 4 Cable weigh 50.6 g/m		
Electrical data Supply 250 V Operating voltage P.C max. 250 V Current operating per contact max. 4 A Installation Connection Stripping length (jacket) 40 mm Powice protection Electrical Powice protection Electrical Pollution Degree 3 Rated surge voltage 2.5 kV Malerial group (IEC 60664-1) 1 Mechanical data Material data V Coaling locking Nickeled Material pousing PUR Locking material Zinc die casting Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Voperating temperature mix. Operating temperature mix. 25 °C Operating temperature mix. 85 °C Additional condition temperature range depending on cable quality Important installation notes Vote on strain relief Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on strain relief Protect the connectors by environmental proces. Con		
Operating voltage AC max. 250 V Operating voltage DC max. 250 V Current operating per contact max. 4 A Installation Connection Stripping length (jacket) 40 mm Device protection Electrical Pobliution Degree 3 Rated surge voltage 2,5 kV Material data Coating locking Nickeled Material proup (IEC 60664-1) 1 Mechanical data Material data Coating locking Nickeled Material group (IEC 60664-1) 2m c dis-casting Mechanical data Mounting data Mechanical data Mounting data Mechanical data Mounting data Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. 25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Attention: Observe		<u> </u>
Operating voltage DC max. 250 V Gurrent operating per contact max. 4 A Installation Connection Installation Connection Installation Installation Connection Installation Insta		
Current operating per contact max. 4 Å Installation Connection Stripping length (facket) 40 mm Pollution Degree 3 Rated surge voltage 2,5 kV Material group (IEC 60664-1) 1 Mechanical data Material data Coating locking Nickeled Material housing PUR Locking material 2		250 V
Installation Connection Stripping length (jacket) 40 mm Device protection Electrical Pollution Degree 3 Aleaded surge voltage 2,5 kV Material group (IEC 60664-1) 1 Mechanical data Material data Coating locking Nickeled Material housing PUR Locking material Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Poperating temperature min25 °C Operating temperature min45 °C Operating temperature ample 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. Contomity Product standard Diln En 61076-2-101 (M12) Installation Cable wire arrangement white 1, white 2, white 3, white 4 Cable identification 1 Environmental characteristion of wire insulation 15 mm Jacket Color black Amount stranding 1 Stranding 4 wires twisted wire arrangement white 1, white 2, white 3, white 4 Cable weigth 50,6 g/m		250 V
Stripping length (Jacket) 40 mm Polition Degree 3 Rated surge voltage 2.5 kV Material group (IEC 60664-1) 1 Mechanical data Material data Coating locking Nickeled Material housing PUR Locking material 2 mounting data Mounting da	Current operating per contact max.	4 A
Pollution Degree 3 Rated surge voltage 2.5 kV Material group (IEC 60664-1) I Mechanical data Material data Coating looking Nickeled Material housing PUR Looking material Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Institution cooling temperature max.	Installation Connection	
Pollution Degree 3 Rated surge voltage 2,5 kV Material group (IEC 60664-1) I Mechanical data Material data Coating locking Nickeled Material housing PUR Locking material Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Coperating 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. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable wire arrangement white 1, white 2, white 3, white 4 Cable identification Roack Printing spacing of wire insulation black (white isolation) Printing spacing of wire insulation 15 mm Jacket Color black Amount stranding 1 Stranding 4 wires twisted wire arrangement white 1, white 2, white 3, white 4 Cable weigth 50.6 g/m	Stripping length (jacket)	40 mm
Rated surge voltage 2,5 kV Material group (IEC 60664-1) I Mechanical data Material data Coating locking Nickeled Material housing PUR Locking material Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Deperating 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. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable wire arrangement white 1, white 2, white 3, white 4 Cable identification R03 Printing spacing of wire insulation 15 mm Jacket Color black Amount stranding 1 Stranding 4 wires twisted wire arrangement white 1, white 2, white 3, white 4 Cable weigth 50,6 g/m White 1, white 2, white 3, white 4 Cable weigth 50,6 g/m	Device protection Electrical	
Meterial group (IEC 60664-1) Mechanical data Material data Coating locking Nickeled Material housing PUR Locking material Zinc die-casting Mechanical data Mounting data Mechanical data Mounting data Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic 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. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable wire arrangement white 1, white 2, white 3, white 4 Cable identification Printing color of wire insulation black (white isolation) Printing spacing of wire insulation black Amount stranding 1 Stranding 4 wires twisted wire arrangement white 1, white 2, white 3, white 4 Cable weigth So, 6 g/m	Pollution Degree	3
Mechanical data Material data Coating locking Nickeled Material housing PUR Locking material Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min.	Rated surge voltage	2,5 kV
Cating locking Nickeled Material housing PUR Locking material Sinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Inportant 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. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable wire arrangement white 1, white 2, white 3, white 4 Cable identification Boack Amount stranding 1 Stranding 4 wires twisted wire arrangement white 1, white 2, white 3, white 4 Cable weigth 50.6 g/m	Material group (IEC 60664-1)	I
Material housing PUR Locking material Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection 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. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable wire arrangement white 1, white 2, white 3, white 4 Cable identification R03 Printing spacing of wire insulation black (white isolation) Printing spacing of wire insulation 15 mm Jacket Color black Amount stranding 1 Stranding 4 wires twisted white 1, white 2, white 3, white 4 Cable weigth 50.6 g/m	Mechanical data Material data	
Material housing PUR Locking material Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection 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. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable wire arrangement white 1, white 2, white 3, white 4 Cable identification R03 Printing spacing of wire insulation black (white isolation) Printing spacing of wire insulation 15 mm Jacket Color black Amount stranding 1 Stranding 4 wires twisted white 1, white 2, white 3, white 4 Cable weigth 50.6 g/m	Coating locking	Nickeled
Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection 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. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable wire arrangement white 1, white 2, white 3, white 4 Cable identification B03 Printing spacing of wire insulation black (white isolation) Printing spacing of wire insulation 15 mm Jacket Color black Amount stranding 1 Stranding 4 wires twisted wire arrangement white 1, white 2, white 3, white 4 Cable weigth 50,6 g/m		PUR
Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min.	Locking material	Zinc die-casting
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. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable wire arrangement white 1, white 2, white 3, white 4 Cable identification R03 Printing color of wire insulation black (white isolation) Printing spacing of wire insulation 15 mm Jacket Color black Amount stranding 1 Stranding 4 wires twisted wire arrangement white 1, white 2, white 3, white 4 Cable weigth 50,6 g/m	Mechanical data Mounting data	
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. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable wire arrangement white 1, white 2, white 3, white 4 Cable identification R03 Printing color of wire insulation black (white isolation) Printing spacing of wire insulation 15 mm Jacket Color black Amount stranding 1 Stranding 4 wires twisted white 1, white 2, white 3, white 4 Cable weigth 50,6 g/m	Mounting method	inserted, screwed, Shaking protection
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. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable wire arrangement white 1, white 2, white 3, white 4 Cable identification R03 Printing color of wire insulation black (white isolation) Printing spacing of wire insulation 15 mm Jacket Color black Amount stranding 1 Stranding 4 wires twisted wire arrangement white 1, white 2, white 3, white 4 Cable weigth 50,6 g/m	Environmental characteristics Climatic	
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. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable wire arrangement white 1, white 2, white 3, white 4 Cable identification R03 Printing color of wire insulation black (white isolation) Printing spacing of wire insulation 15 mm Jacket Color black Amount stranding 1 Stranding 4 wires twisted wire arrangement white 1, white 2, white 3, white 4 Cable weigth 50,6 g/m	Operating temperature min.	-25 °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. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable wire arrangement white 1, white 2, white 3, white 4 Cable identification R03 Printing color of wire insulation black (white isolation) Printing spacing of wire insulation 15 mm Jacket Color black Amount stranding 1 Stranding 4 wires twisted wire arrangement white 1, white 2, white 3, white 4 Cable weigth 50,6 g/m	· • ·	
Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on strain relief Protection: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable wire arrangement white 1, white 2, white 3, white 4 Cable identification R03 Printing color of wire insulation black (white isolation) Printing spacing of wire insulation 15 mm Jacket Color black Amount stranding 1 Stranding 4 wires twisted wire arrangement white 1, white 2, white 3, white 4 Cable weigth 50,6 g/m	· • ·	
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. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable wire arrangement white 1, white 2, white 3, white 4 Cable identification R03 Printing color of wire insulation Dlack (white isolation) Printing spacing of wire insulation 15 mm Jacket Color Amount stranding 1 Stranding 4 wires twisted wire arrangement white 1, white 2, white 3, white 4 Cable weigth 50,6 g/m		
Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable wire arrangement white 1, white 2, white 3, white 4 Cable identification R03 Printing color of wire insulation black (white isolation) Printing spacing of wire insulation 15 mm Jacket Color black Amount stranding 1 Stranding 4 wires twisted wire arrangement white 1, white 2, white 3, white 4 Cable weigth 50,6 g/m	•	District the connectors by suitable massures from machanical leads, a griby the years of sable ties
Product standard DIN EN 61076-2-101 (M12) Installation Cable wire arrangement white 1, white 2, white 3, white 4 Cable identification R03 Printing color of wire insulation black (white isolation) Printing spacing of wire insulation 15 mm Jacket Color black Amount stranding 1 Stranding 4 wires twisted wire arrangement white 1, white 2, white 3, white 4 Cable weigth 50,6 g/m		Attention: Observe the permissible bending radii when laving cables, as the IP protection class can be
Product standard DIN EN 61076-2-101 (M12) Installation Cable wire arrangement white 1, white 2, white 3, white 4 Cable identification R03 Printing color of wire insulation black (white isolation) Printing spacing of wire insulation 15 mm Jacket Color black Amount stranding 1 Stranding 4 wires twisted wire arrangement white 1, white 2, white 3, white 4 Cable weigth 50,6 g/m		Character by excessive behaling lordes.
wire arrangement white 1, white 2, white 3, white 4 Cable identification R03 Printing color of wire insulation black (white isolation) Printing spacing of wire insulation 15 mm Jacket Color black Amount stranding 1 Stranding 4 wires twisted wire arrangement white 1, white 2, white 3, white 4 Cable weigth 50,6 g/m	•	DIN FN 61076-2-101 (M12)
wire arrangement white 1, white 2, white 3, white 4 Cable identification R03 Printing color of wire insulation black (white isolation) Printing spacing of wire insulation 15 mm Jacket Color black Amount stranding 1 Stranding 4 wires twisted wire arrangement white 1, white 2, white 3, white 4 Cable weigth 50,6 g/m		Dirt Ert 01070-2-101 (WI12)
Cable identification R03 Printing color of wire insulation black (white isolation) Printing spacing of wire insulation 15 mm Jacket Color black Amount stranding 1 Stranding 4 wires twisted wire arrangement white 1, white 2, white 3, white 4 Cable weigth 50,6 g/m	·	white 1 white 2 white 3 white 4
Printing color of wire insulation black (white isolation) Printing spacing of wire insulation 15 mm Jacket Color black Amount stranding 1 Stranding 4 wires twisted wire arrangement white 1, white 2, white 3, white 4 Cable weigth 50,6 g/m		
Printing spacing of wire insulation 15 mm Jacket Color black Amount stranding 1 Stranding 4 wires twisted wire arrangement white 1, white 2, white 3, white 4 Cable weigth 50,6 g/m		
Jacket Color black Amount stranding 1 Stranding 4 wires twisted wire arrangement white 1, white 2, white 3, white 4 Cable weigth 50,6 g/m		
Amount stranding 1 Stranding 4 wires twisted wire arrangement white 1, white 2, white 4 Cable weigth 50,6 g/m		
Stranding 4 wires twisted wire arrangement white 1, white 2, white 3, white 4 Cable weigth 50,6 g/m		
wire arrangement white 1, white 2, white 3, white 4 Cable weigth 50,6 g/m		
Cable weigth 50,6 g/m		
Material jacket Radox EM 104		-

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: 2024-05-30



Outer-diameter (jacket)	5 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	Radox El 303
Amount wires	4
Outer diameter insulation	1,42 mm
Outer diameter tolerance core insulation	±5%
Printing color of wire insulation	black (white isolation)
Printing spacing of wire insulation	15 mm
Amount strands (wire)	19
Diameter of single wires	0,18 mm
Conductor crosssection (wire)	0,5 mm²
Material conductor wire	copper stranded wire, tinned
Max. rated voltage (conductor - conductor)	1000 V
Max. rated voltage (conductor - ground)	600 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	7,2 A
Electrical resistance line constant wire	40,1 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	3,5 kV
Power frequency withstand voltage (wire - jacket)	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	UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2
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)	3 x Outer diameter
Bending radius (dynamic)	4 x Outer diameter