## Connecting cable NEBU-M12W5-K-2.5-LE3 Part number: 541367

**FESTO** 





## **Data sheet**

Conforms to standard  Cable identification  About weight  Cable identification  About weight  About weight  Cable identification  About weight  Cable identification  About weight  Cable identification  About weight  Cable identification  Field device side  Electrical connection 1, function  Field device side  Electrical connection 1, cable outlet  Angled  Electrical connection 1, cable outlet  Angled  Electrical connection 1, cable outlet  Angled  Electrical connection 1, connection technology  M12x1, A-coded in accordance with EN 61076-2-101  Electrical connection 1, connection technology  M12x1, A-coded in accordance with EN 61076-2-101  Electrical connection 1, purple of pins/wires  5  Electrical connection 1, purple of pins/wires  3  Electrical connection 1, purple of pins/wires  Betertrical connection 2, function  Controller side  Electrical connection 2, connection type  Electrical connection 3, connection type  Electrical connection 2, connection type  Electrical connection 3, connection type  Electrical connection 4, connection type  Electrical connection 3, connection type  Electrical connection 3, connection type  Cable Electrical connection 4, connection type  Electrical connection 5, connection type  Electrical connection 5, connection type  Cable Electrical connection 6, connection type  Cable Electrical connection 6, connection 1, purple of pins/wires  3  Cable Carrent 1, purple of pins/wires  Bending range AC  Acceptable current load at 60°C  4A  Acceptable current load at 60°C  5	Feature	Value
Cable identification with 2x label holders Product weight 70 g Electrical connection 1, function Field device side Electrical connection 1, design Round Electrical connection 1, connection type Plug socket Electrical connection 1, connection type Plug socket Electrical connection 1, connection type Plug socket Electrical connection 1, connection type M12x1, Acode in accordance with EN 61076-2-101 Electrical connection 1, connection technology M12x1, Acode in accordance with EN 61076-2-101 Electrical connection 1, present of pins/wires 5 Electrical connection 1, type of mounting Screw lock Electrical connection 1, type of mounting Controller side Electrical connection 2, function Controller side Electrical connection 2, connection technology Open end Electrical connection 2, concept on the properties of th	Conforms to standard	Core colours and connection numbers to EN 60947-5-2
Product weight   70 g     Electrical connection 1, function   Field device side     Electrical connection 1, connection type   Plug socket     Electrical connection 1, connection technology   M12x1, A-coded in accordance with EN 61076-2-101     Electrical connection 1, connection technology   M12x1, A-coded in accordance with EN 61076-2-101     Electrical connection 1, number of pins/wires   5     Electrical connection 1, cype of mounting   Screw lock     Electrical connection 1, fype of mounting   Screw lock     Electrical connection 2, function   Controller side     Electrical connection 2, connection type   Cable     Electrical connection 2, connection type   Cable     Electrical connection 2, connection type   Cable     Electrical connection 2, connection technology   Open end     Electrical connection 3, occupied pins/wires   3     Electrical connection 3, occupied pins/wires   3     Electrical connection 4, occupied pins/wires   3     Electrical connection 4, occupied pins/wires   3     Electrical connection 5, occupied pins/wires   3     Operating voltage range DC   O 250 V     Operating voltage range AC   O 250 V     Cable length   2,5 kV     Cable length   2,5 kV     Cable length   2,5 kV     Cable length   2,5 kV     Cable length   2,5 km     Cable diametro   3 km   3     Bending radius, fixed cable installation   39 mm     Bending radius, fixed cable installation   39 mm     Cable diameter   3,8 km     Cable diameter   3,8		EN 61076-2-101
Electrical connection 1, function  Electrical connection 1, design  Round  Electrical connection 1, consection type  Plug socket  Electrical connection 1, connection technology  M12x1, A-coded in accordance with EN 61076-2-101  Electrical connection 1, number of pins/wires  Electrical connection 1, number of pins/wires  Electrical connection 1, procupied pins/wires  Electrical connection 1, procupied pins/wires  Electrical connection 1, type of mounting  Electrical connection 2, function  Controller side  Electrical connection 2, function  Controller side  Electrical connection 2, connection type  Cable  Electrical connection 2, connection type  Cable  Electrical connection 2, connection type  Cable  Electrical connection 2, connection 1, type of pins/wires  3  Coperating voltage range of C  Operating voltage range of C  Operating voltage range AC  Operating voltage range AC  Acceptable current load at 40°C  Surge strength  Cable elength  Cable elength  Cable attribute  Standard  Test conditions of cable  Bending radius, fixed cable installation  Energy chain: 5 million cycles, bending radius 75 mm  Energy chain: 5 million cycles, bending radius 75 mm  Energy chain: 5 million cycles, bending radius 75 mm  Energy chain: 5 million cycles, bending radius 75 mm  Energy chain: 5 million cycles, bending radius 75 mm  Energy chain: 5 million cycles, bending radius 75 mm  Energy chain: 5 million cycles, bending radius 75 mm  Energy chain: 5 million cycles, bending radius 75 mm  Energy chain: 5 million cycles, bending radius 75 mm  Energy chain: 5 million cycles, bending radius 75 mm  Energy chain: 5 million cycles, bending radius 75 mm  Energy chain: 5 million cycles, bending radius 75 mm  Energy chain: 5 million cycles, bending radius 75 mm  Energy chain: 5 million cycles, bending radius 75 mm  Energy chain: 5 million cycles, bending radius 75 mm  Energy chain: 5 million cycles, bending radius 75 mm  Energy chain: 5 million cycles, bending radius 75 mm  Energy chain: 5 million cycles, bending radius 75 mm  Energy chai	Cable identification	with 2x label holders
Electrical connection 1, design Electrical connection 1, connection type Electrical connection 1, connection technology  M12x1, A-coded in accordance with EN 61076-2·101  Electrical connection 1, number of pins/wires 5 Electrical connection 1, number of pins/wires 3 Electrical connection 1, type of mounting Electrical connection 1, type of mounting Electrical connection 2, function Controller side Electrical connection 2, connection type Cable Electrical connection 2, connection type Cable Electrical connection 2, connection type Cable Electrical connection 2, connection type Electrical connection 2, connection type Cable Electrical connection 2, coupled pins/wires 3 Electrical connection 2, coupled pins/wires 4 Electrical connection 2, coupled pins/wires 4 Elect	Product weight	70 g
Electrical connection 1, connection type Electrical connection 1, connection type Electrical connection 1, connection technology Electrical connection 1, number of pins/wires Electrical connection 1, number of pins/wires Electrical connection 1, number of pins/wires Electrical connection 1, poccupied pins/wires Electrical connection 1, type of mounting Screw lock Electrical connection 2, function Electrical connection 2, connection type Electrical connection 2, connection type Electrical connection 2, connection type Electrical connection 2, connection technology Open end Electrical connection 2, connection technology Electrical connection 2, connection technology Electrical connection 2, coupled pins/wires 3 Electrical connection 2, coupled pins/wires 4 Electrical connection 2, coupled pins/w	Electrical connection 1, function	Field device side
Electrical connection 1, connection technology  M12x1, A-coded in accordance with EN 61076-2-101  Electrical connection 1, number of pins/wires  Electrical connection 1, occupied pins/wires  Electrical connection 1, type of mounting  Screw lock  Electrical connection 2, type of mounting  Electrical connection 2, type of mounting  Electrical connection 2, connection type  Cable  Electrical connection 2, connection type  Electrical connection 2, connection type  Electrical connection 2, connection technology  Open end  Electrical connection 2, number of pins/wires  3  Electrical connection 2, occupied pins/wires  3  Electrical connection 2, occupied pins/wires  3  Operating voltage range DC  Operating voltage range AC  O 250 V  Operating voltage range AC  Acceptable current load at 40°C  4 A  Surge strength  Cable length  Cable length  Cable attribute  Standard  Test conditions of cable  Bending strength according to Festo standard  Test conditions on request  Energy chain: 5 smillion cycles, bending radius 75 mm  Bending radius, fixed cable installation  12 mm  Bending radius, fixed cable installation  39 mm  Cable diameter  Cable diameter  3.8 mm  Eable diameter tolerance  4 0,1 mm  Eable diameter tolerance  30,25  Nominal conductor cross-section  O.25 mm2  Protection class  Protection class  Profe  Note on degree of protection  Nominal conductor cross-section  Oil resistant  Ambient temperature with flexible cable installation  5 70 °C  Cambient temperature with flexible cable installation  To UK instructions for electrical equipment  UKCA marking (see declaration of conformity)  To UK instructions for electrical equipment	Electrical connection 1, design	Round
Electrical connection 1, connection technology  M12x1, A-coded in accordance with EN 61076-2-101  Electrical connection 1, number of pins/wires  Electrical connection 1, occupied pins/wires  Electrical connection 1, type of mounting  Screw lock  Electrical connection 2, type of mounting  Electrical connection 2, type of mounting  Electrical connection 2, connection type  Cable  Electrical connection 2, connection type  Electrical connection 2, connection type  Electrical connection 2, connection technology  Open end  Electrical connection 2, number of pins/wires  3  Electrical connection 2, occupied pins/wires  3  Electrical connection 2, occupied pins/wires  3  Operating voltage range DC  Operating voltage range AC  O 250 V  Operating voltage range AC  Acceptable current load at 40°C  4 A  Surge strength  Cable length  Cable length  Cable attribute  Standard  Test conditions of cable  Bending strength according to Festo standard  Test conditions on request  Energy chain: 5 smillion cycles, bending radius 75 mm  Bending radius, fixed cable installation  12 mm  Bending radius, fixed cable installation  39 mm  Cable diameter  Cable diameter  3.8 mm  Eable diameter tolerance  4 0,1 mm  Eable diameter tolerance  30,25  Nominal conductor cross-section  O.25 mm2  Protection class  Protection class  Profe  Note on degree of protection  Nominal conductor cross-section  Oil resistant  Ambient temperature with flexible cable installation  5 70 °C  Cambient temperature with flexible cable installation  To UK instructions for electrical equipment  UKCA marking (see declaration of conformity)  To UK instructions for electrical equipment	Electrical connection 1, connection type	Plug socket
Electrical connection 1, connection technology Electrical connection 1, number of pins/wires Electrical connection 1, tourpoide pins/wires Electrical connection 1, type of mounting Electrical connection 1, type of mounting Electrical connection 2, function Electrical connection 2, function Controller side Electrical connection 2, connection type Cable Electrical connection 2, connection technology Open end Electrical connection 2, connection technology Electrical connection 2, connection technology Open end Electrical connection 2, connection technology Electrical connection 2, connection technology Open end Electrical connection 2, coupled pins/wires 3 Superating voltage range DC On 250 V Operating voltage range AC On 250 V Operating voltage range AC On 250 V Operating voltage range AC On 250 V Cable length Surge strength	Electrical connection 1, cable outlet	
Electrical connection 1, occupied pins/wires Electrical connection 1, type of mounting Electrical connection 2, truction Electrical connection 2, connection type Electrical connection 2, connection type Electrical connection 2, connection type Electrical connection 2, connection technology Open end Electrical connection 2, occupied pins/wires 3 Electrical connection 2, occupied pins/wires 3 Electrical connection 2, occupied pins/wires 3 Coperating voltage range DC Our 250 V Acceptable current load at 40°C 4A Surge strength 2.5 kW Cable length 2.5 kW Cable length Each carbinate Electrical connection 2, occupied pins/wires Standard Test conditions of cable Electrical connection 2, occupied pins/wires Electrical connection 2, occupied pins/wires 3 Bending voltage range DC Our 250 V Acceptable current load at 40°C 4A Surge strength 2.5 kW Cable length 2.5 kW Cable length 2.5 m Cable attribute Standard Test conditions of cable Electrical connection 2, occupied pins/wires Energy chain: > 5 million cycles, bending radius 75 mm Elending radius, fixed cable installation 12 mm Elending radius, fixed cable installation 39 mm Cable diameter 3.8 mm Cable diameter Cable diameter tolerance 20,1 mm Cable diameter 30,0 mm Cable diameter tolerance 20,1 mm Cable diameter tolerance 20,1 mm Cable diameter tolerance 20,1 mm Cable diameter tolerance 20,2 mm2 Protection class Profe Ple66 Ple68 Ple68 Ple68 Ple69 Ple69 Ple69 Ple66 Ple68 Ple69	Electrical connection 1, connection technology	M12x1, A-coded in accordance with EN 61076-2-101
Electrical connection 1, occupied pins/wires Electrical connection 1, type of mounting Electrical connection 2, truction Electrical connection 2, connection type Electrical connection 2, connection type Electrical connection 2, connection type Electrical connection 2, connection technology Open end Electrical connection 2, occupied pins/wires 3 Electrical connection 2, occupied pins/wires 3 Electrical connection 2, occupied pins/wires 3 Coperating voltage range DC Our 250 V Acceptable current load at 40°C 4A Surge strength 2.5 kW Cable length 2.5 kW Cable length Each carbinate Electrical connection 2, occupied pins/wires Standard Test conditions of cable Electrical connection 2, occupied pins/wires Electrical connection 2, occupied pins/wires 3 Bending voltage range DC Our 250 V Acceptable current load at 40°C 4A Surge strength 2.5 kW Cable length 2.5 kW Cable length 2.5 m Cable attribute Standard Test conditions of cable Electrical connection 2, occupied pins/wires Energy chain: > 5 million cycles, bending radius 75 mm Elending radius, fixed cable installation 12 mm Elending radius, fixed cable installation 39 mm Cable diameter 3.8 mm Cable diameter Cable diameter tolerance 20,1 mm Cable diameter 30,0 mm Cable diameter tolerance 20,1 mm Cable diameter tolerance 20,1 mm Cable diameter tolerance 20,1 mm Cable diameter tolerance 20,2 mm2 Protection class Profe Ple66 Ple68 Ple68 Ple68 Ple69 Ple69 Ple69 Ple66 Ple68 Ple69	Electrical connection 1, number of pins/wires	5
Electrical connection 1, type of mounting Electrical connection 2, function Controller side Electrical connection 2, connection type Electrical connection 2, connection type Electrical connection 2, connection technology Open end Electrical connection 2, number of pins/wires Blectrical connection 2, number of pins/wires 3 Coperating voltage range DC Operating voltage range DC Operating voltage range AC Operating voltage ra		3
Electrical connection 2, function  Electrical connection 2, connection type  Electrical connection 2, connection type  Electrical connection 2, connection type  Electrical connection 2, number of pins/wires  3  Electrical connection 2, occupied pins/wires  3  Operating voltage range DC  Operating voltage range AC  Acceptable current load at 40°C  Acceptable length  Cable altribute  Standard  Test conditions of cable  Bending strength according to Festo standard  Test conditions on request  Energy chain: > 5 million cycles, bending radius 75 mm  Bending radius, fixed cable installation  12 mm  Bending radius, flexible cable installation  39 mm  Cable diameter  Cable diameter tolerance  10,1 mm  Cable diameter tolerance  20,1 mm  Cable diameter tolerance  20,1 mm  Cable diameter tolerance  10,1 mm  Protection class  Protection class  Protection class  Protection class  Protection class  Oil resistant  Ambient temperature  25 70 °C  Ambient temperature with flexible cable installation  5 70 °C  Ambient temperature with flexible cable installation  5 70 °C  Ambient temperature with flexible cable installation  6 70 °C  Ambient temperature with flexible cable installation  7 70 °C  Ambient temperature with flexible cable installation  10 UK instructions for electrical equipment		
Electrical connection 2, connection type  Electrical connection 2, connection technology  Open end  Electrical connection 2, number of pins/wires  Electrical connection 2, number of pins/wires  Electrical connection 2, occupied pins/wires  3  Operating voltage range AC  AA  ACCEPTABLE CAP  Surge strength  Cable attribute  Standard  Test conditions on request Energy chain: > 5 million cycles, bending radius 75 mm  Ending radius, fixed cable installation  12 mm  Bending radius, flexible cable installation  39 mm  Cable diameter  Cable diameter  Cable diameter tolerance  20,1 mm  Cable diameter tolerance  3x0,25  Nominal conductor cross-section  Operating voltage range AC  Operating voltage range		Controller side
Electrical connection 2, connection technology  Electrical connection 2, number of pins/wires  3  Operating voltage range DC  Operating voltage range AC  Operating voltage vo	· ·	Cable
Electrical connection 2, number of pins/wires 3 Electrical connection 2, occupied pins/wires 3 Operating voltage range DC 0 250 V Operating voltage range AC 0 250 V Acceptable current load at 40°C 4 A Surge strength 2.5 kV Cable length 2.5 m Cable length 5 Standard Test conditions of cable 5 Energy chain: > 5 million cycles, bending radius 75 mm Bending radius, fixed cable installation 12 mm Bending radius, fixed cable installation 39 mm Cable diameter Cable diameter tolerance ± 0,1 mm Cable diameter conductor cross-section 0.25 mm2 Protection class Protection 1 in assembled condition Note on degree of protection 1 in assembled condition 1 in assembled condition 1 in assembled condition 1 Special characteristics 0 il resistant 1 Emperature with flexible cable installation 1 5 70 °C CE symbol (see declaration of conformity) To UK instructions for electrical equipment	71	Open end
Electrical connection 2, occupied pins/wires Operating voltage range DC Operating voltage range AC Ope		·
Operating voltage range DC       0 250 V         Operating voltage range AC       0 250 V         Acceptable current load at 40°C       4 A         Surge strength       2.5 kV         Cable length       2.5 m         Cable attribute       Standard         Test conditions of cable       Bending strength according to Festo standard Test conditions on request Energy chain: > 5 million cycles, bending radius 75 mm         Bending radius, fixed cable installation       12 mm         Bending radius, flexible cable installation       39 mm         Cable diameter       3.8 mm         Cable diameter tolerance       ± 0,1 mm         Cable structure       3x0,25         Nominal conductor cross-section       0.25 mm2         Protection class       IP65         IP68       IP69K         Note on degree of protection       in assembled condition         Special characteristics       Oil resistant         Ambient temperature       25 70 °C         Ambient temperature with flexible cable installation       -5 70 °C         CE symbol (see declaration of conformity)       according to EU low voltage guideline in accordance with EU RoHS directive         UKCA marking (see declaration of conformity)       To UK instructions for electrical equipment	1 1	
Operating voltage range AC         0 250 V           Acceptable current load at 40°C         4 A           Surge strength         2.5 kV           Cable length         2.5 m           Cable attribute         Standard           Test conditions of cable         Bending strength according to Festo standard Test conditions on request Energy chain: > 5 million cycles, bending radius 75 mm           Bending radius, fixed cable installation         12 mm           Bending radius, flexible cable installation         39 mm           Cable diameter         3.8 mm           Cable dameter tolerance         ± 0,1 mm           Cable structure         3x0,25           Nominal conductor cross-section         0.25 mm2           Protection class         IP65 IP68 IP68 IP68 IP69K           IP69K         IP69K           Note on degree of protection         in assembled condition           Special characteristics         Oil resistant           Ambient temperature         -25 70 °C           Ambient temperature with flexible cable installation         -5 70 °C           CE symbol (see declaration of conformity)         To UK instructions for electrical equipment	. ,	
Acceptable current load at 40°C  Surge strength  2.5 kV  Cable length  2.5 m  Cable attribute  Sending strength according to Festo standard  Test conditions of cable  Test conditions on request Energy chain: > 5 million cycles, bending radius 75 mm  Bending radius, fixed cable installation  12 mm  Bending radius, flexible cable installation  39 mm  Cable diameter  Cable diameter  Cable diameter tolerance  4 0,1 mm  Cable structure  3x0,25  Nominal conductor cross-section  Protection class  Protection class  IP65 IP68 IP68 IP69K  Note on degree of protection  Special characteristics  Ambient temperature  Ambient temperature with flexible cable installation  CE symbol (see declaration of conformity)  To UK instructions for electrical equipment		
Surge strength Cable length Cable length Cable attribute Standard Test conditions of cable Test conditions on request Energy chain: > 5 million cycles, bending radius 75 mm  Bending radius, fixed cable installation 12 mm  Bending radius, flexible cable installation 39 mm  Cable diameter Cable diameter tolerance 40,1 mm  Cable structure 3x0,25  Nominal conductor cross-section 0.25 mm2  Protection class Protection class Protection class Protection Oil resistant Ambient temperature Ambient temperature with flexible cable installation CE symbol (see declaration of conformity) To UK instructions for electrical equipment  Descriptions of accordance with EU RoHS directive  UKCA marking (see declaration of conformity)  Test conditions Standard  Bending strength according to Festo standard Test conditions on request Energy chain: > 5 million cycles, bending radius 75 mm  Bending strength according to Festo standard Test condition on request Energy chain: > 5 million cycles, bending radius 75 mm  Bending strength according to Festo standard Test condition on request Energy chain: > 5 million cycles, bending radius 75 mm  Bending strength according to Festo standard Test conditions on request Energy chain: > 5 million cycles, bending radius 75 mm  Bending strength according to Festo standard Test conditions on request Energy chain: > 5 million cycles, bending radius 75 mm  Bending strength according to Festo standard Test conditions on request Energy chain: > 5 million cycles, bending radius 75 mm  Bending strength according to Festo standard Test conditions on request Energy chain: > 5 million cycles, bending radius 75 mm  Bending radius, flexible cable installation 12 mm  13 mm  14 million cycles, bending radius 75 mm  16 million cycles, bending the sending standard Test conditions on request Test conditions on reques		
Cable length       2.5 m         Cable attribute       Standard         Test conditions of cable       Bending strength according to Festo standard Test conditions on request Energy chain: > 5 million cycles, bending radius 75 mm         Bending radius, fixed cable installation       12 mm         Bending radius, flexible cable installation       39 mm         Cable diameter       3.8 mm         Cable diameter tolerance       ± 0.1 mm         Cable structure       3x0,25         Nominal conductor cross-section       0.25 mm2         Protection class       IP65         IP68       IP69K         Note on degree of protection       in assembled condition         Special characteristics       Oil resistant         Ambient temperature       -25 70 °C         Ambient temperature with flexible cable installation       -5 70 °C         CE symbol (see declaration of conformity)       according to EU low voltage guideline in accordance with EU RoHS directive         UKCA marking (see declaration of conformity)       To UK instructions for electrical equipment	•	
Cable attribute       Standard         Test conditions of cable       Bending strength according to Festo standard Test conditions on request Energy chain: > 5 million cycles, bending radius 75 mm         Bending radius, fixed cable installation       12 mm         Bending radius, flexible cable installation       39 mm         Cable diameter       3.8 mm         Cable diameter tolerance       ± 0,1 mm         Cable structure       3x0,25         Nominal conductor cross-section       0.25 mm2         Protection class       IP65         IP68       IP69K         Note on degree of protection       in assembled condition         Special characteristics       Oil resistant         Ambient temperature       25 70 °C         Ambient temperature with flexible cable installation       5 70 °C         CE symbol (see declaration of conformity)       according to EU low voltage guideline in accordance with EU RoHS directive         UKCA marking (see declaration of conformity)       To UK instructions for electrical equipment		
Test conditions of cable  Bending strength according to Festo standard Test conditions on request Energy chain: > 5 million cycles, bending radius 75 mm  Bending radius, fixed cable installation  Bending radius, flexible cable installation  Bending radius, flexible cable installation  39 mm  Cable diameter  Cable diameter tolerance  4 0,1 mm  Cable structure  3x0,25  Nominal conductor cross-section  0.25 mm2  Protection class  IP65 IP68 IP69K  Note on degree of protection  in assembled condition  Special characteristics  Oil resistant  Ambient temperature  Ambient temperature with flexible cable installation  CE symbol (see declaration of conformity)  To UK instructions for electrical equipment		
Test conditions on request Energy chain: > 5 million cycles, bending radius 75 mm  Bending radius, fixed cable installation 12 mm  Bending radius, flexible cable installation 39 mm  Cable diameter 3.8 mm  Cable diameter tolerance ± 0,1 mm  Cable structure 3x0,25  Nominal conductor cross-section 0.25 mm2  Protection class 1P65		
Bending radius, fixed cable installation       12 mm         Bending radius, flexible cable installation       39 mm         Cable diameter       3.8 mm         Cable diameter tolerance       ± 0,1 mm         Cable structure       3x0,25         Nominal conductor cross-section       0.25 mm2         Protection class       IP65 IP68 IP68 IP69K         Note on degree of protection       in assembled condition         Special characteristics       Oil resistant         Ambient temperature       -25 70 °C         Ambient temperature with flexible cable installation       -5 70 °C         CE symbol (see declaration of conformity)       according to EU low voltage guideline in accordance with EU RoHS directive         UKCA marking (see declaration of conformity)       To UK instructions for electrical equipment	The second secon	
Bending radius, fixed cable installation  Bending radius, flexible cable installation  39 mm  Cable diameter  3.8 mm  Cable diameter tolerance  ± 0,1 mm  Cable structure  3x0,25  Nominal conductor cross-section  0.25 mm2  Protection class  IP65 IP68 IP68 IP69K  Note on degree of protection  in assembled condition  Special characteristics  Oil resistant  Ambient temperature  Ambient temperature with flexible cable installation  5 70 °C  Ambient temperature with flexible cable installation  CE symbol (see declaration of conformity)  TO UK instructions for electrical equipment		· ·
Bending radius, flexible cable installation  Cable diameter  3.8 mm  Cable diameter tolerance  ± 0,1 mm  Cable structure  3x0,25  Nominal conductor cross-section  0.25 mm2  Protection class  IP65 IP68 IP68 IP69K  Note on degree of protection  in assembled condition  Special characteristics  Oil resistant  Ambient temperature  Ambient temperature with flexible cable installation  5 70 °C  Ambient temperature with flexible cable installation  CE symbol (see declaration of conformity)  To UK instructions for electrical equipment	Bending radius, fixed cable installation	, , ,
Cable diameter       3.8 mm         Cable diameter tolerance       ± 0,1 mm         Cable structure       3x0,25         Nominal conductor cross-section       0.25 mm2         Protection class       IP65 IP68 IP68 IP69K         Note on degree of protection       in assembled condition         Special characteristics       Oil resistant         Ambient temperature       -25 70 °C         Ambient temperature with flexible cable installation       -5 70 °C         CE symbol (see declaration of conformity)       according to EU low voltage guideline in accordance with EU RoHS directive         UKCA marking (see declaration of conformity)       To UK instructions for electrical equipment		
Cable diameter tolerance ± 0,1 mm  Cable structure 3x0,25  Nominal conductor cross-section 0.25 mm2  Protection class IP65 IP68 IP68 IP69K  Note on degree of protection in assembled condition  Special characteristics Oil resistant  Ambient temperature Ambient temperature with flexible cable installation -5 70 °C  CE symbol (see declaration of conformity) accordance with EU RoHS directive  UKCA marking (see declaration of conformity)  To UK instructions for electrical equipment		
Cable structure  3x0,25  Nominal conductor cross-section  0.25 mm2  Protection class  Protection class  IP65 IP68 IP69K  Note on degree of protection  in assembled condition  Special characteristics  Oil resistant  Ambient temperature  -25 70 °C  Ambient temperature with flexible cable installation  -5 70 °C  CE symbol (see declaration of conformity)  according to EU low voltage guideline in accordance with EU RoHS directive  UKCA marking (see declaration of conformity)  To UK instructions for electrical equipment		
Nominal conductor cross-section  Protection class  IP65 IP68 IP69K  Note on degree of protection  Special characteristics  Oil resistant  Ambient temperature  Ambient temperature with flexible cable installation  CE symbol (see declaration of conformity)  ACC A marking (see declaration of conformity)  TO UK instructions for electrical equipment		·
Protection class    IP65		•
IP68   IP69K     Note on degree of protection   in assembled condition     Special characteristics   Oil resistant     Ambient temperature   -25 70 °C     Ambient temperature with flexible cable installation   -5 70 °C     CE symbol (see declaration of conformity)   according to EU low voltage guideline   in accordance with EU RoHS directive     UKCA marking (see declaration of conformity)   To UK instructions for electrical equipment		
Note on degree of protection in assembled condition  Special characteristics Oil resistant  Ambient temperature -25 70 °C  Ambient temperature with flexible cable installation -5 70 °C  CE symbol (see declaration of conformity) accordance with EU RoHS directive  UKCA marking (see declaration of conformity) To UK instructions for electrical equipment		1 <sup>-</sup>
Note on degree of protection  Special characteristics  Oil resistant  Ambient temperature  -25 70 °C  Ambient temperature with flexible cable installation  -5 70 °C  CE symbol (see declaration of conformity)  according to EU low voltage guideline in accordance with EU RoHS directive  UKCA marking (see declaration of conformity)  To UK instructions for electrical equipment		I.,
Special characteristics Oil resistant  Ambient temperature -25 70 °C  Ambient temperature with flexible cable installation -5 70 °C  CE symbol (see declaration of conformity) according to EU low voltage guideline in accordance with EU RoHS directive  UKCA marking (see declaration of conformity) To UK instructions for electrical equipment	Note on degree of protection	
Ambient temperature -25 70 °C  Ambient temperature with flexible cable installation -5 70 °C  CE symbol (see declaration of conformity) according to EU low voltage guideline in accordance with EU RoHS directive  UKCA marking (see declaration of conformity) To UK instructions for electrical equipment		
Ambient temperature with flexible cable installation  -5 70 °C  CE symbol (see declaration of conformity)  according to EU low voltage guideline in accordance with EU RoHS directive  UKCA marking (see declaration of conformity)  To UK instructions for electrical equipment	,	
CE symbol (see declaration of conformity)  according to EU low voltage guideline in accordance with EU RoHS directive  UKCA marking (see declaration of conformity)  To UK instructions for electrical equipment		
in accordance with EU RoHS directive  UKCA marking (see declaration of conformity)  To UK instructions for electrical equipment	·	
UKCA marking (see declaration of conformity)  To UK instructions for electrical equipment		
	UKCA marking (see declaration of conformity)	
		To UK RoHS instructions



Feature	Value
PWIS conformity	VDMA24364-B2-L
Materials note	Conforms to RoHS
	Halogen-free
	Free of phosphoric acid ester
Degree of contamination	3
Corrosion resistance classification CRC	2 - Moderate corrosion stress
Material cable sheath	TPE-U(PUR)
Cable sheath color	Grey
Material housing	TPE-U(PUR)
Housing color	Black
Material screw-type lock	Nickel-plated brass
Material seals	NBR
Material electrical contact	Gold-plated copper alloy
Material insulation	PP