

## M12 male 90° A-cod. with cable shielded

PUR 3x0.34 shielded gy 15m

## **⚠ NOTICE ⚠** PRODUCT WILL BE DISCONTINUED BY MARCH 2023. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.

Male 90°

M12, 3-pole

shielded

A-coded

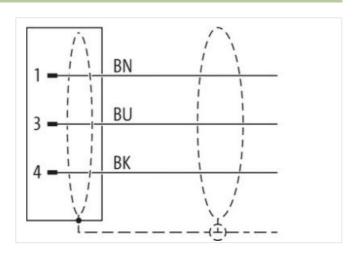
Plastic housings with good resistance against chemicals and oils.

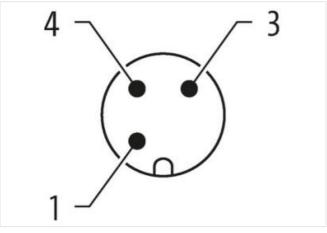
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

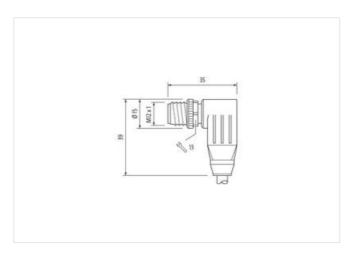
## **Link to Product**

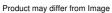
## Illustration





















stay connected

Cable length	15 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
Coding	A
Material contact	Copper alloy
Material	PUR
No. of poles	3
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Stripping length (jacket)	20 mm
Coating contact	gold plated
-	2010 burner
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879401951
Packaging unit	1
Electrical data   Supply	
Operating voltage AC max.	60 V
Operating voltage DC max.	60 V
Current operating per contact max.	4 A
Diagnostics	
Status indication LED	no
Installation   Connection	
Stripping length (jacket)	20 mm
Mounting set	M12 x 1
Device protection   Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	I .
Mechanical data   Material data	
Coating locking	Nickeled
Coating of fitting	nickel plated
Locking material	Zinc die-casting
Material screw connection	Zinc die-casting
Mechanical data   Mounting data	
	incorted corowed Shaking protection
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics   Climati	C C

Bending radius (dynamic)



Operating temperature max. 85 °C Additional condition temperature range depending on cable quality  Conformity  Product standard DIN EN 61076-2-101 (M12)  Installation   Cable Cable identification 318 Jacket Color gray  Amount stranding 1 Stranding 3 wires twisted Cable shielding (type) copper braiding, bare Cable shielding (toverage) 85 % wire arrangement brown, blue, black Material jacket PUR Outer-diameter (jacket) 5.9 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 3 Conductor crosssection (wire) 0,34 mm² Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 6 A Min. operating temperature (static) 30 °C Operating temperature (istatic) 70 °C UV resistance DIN EN ISO 4892-2 A Elame resistance Good, application-related testing   DIN EN 60811-404	Operating temperature min.	-25 °C
Conformity         Conformity           Product standard         DIN EN 61076-2-101 (M12)           Installation   Cable           Cable identification         318           Jacket Color         gray           Amount stranding         1           Stranding         3 wires twisted           Cable shielding (type)         copper braiding, bare           Cable shielding (coverage)         85 %           wire arrangement         brown, blue, black           Material jacket         PUR           Outer-diameter (jacket)         5,9 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         3           Confluctor crosssection (wire)         0,34 mm²           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         6 A           Min. operating temperature (static)         -30 °C           Max. operating temperature (static)         -30 °C           Wax. operating temperature (static)         -5 °C           Operating temperature max. (dynamic)         -5 °C           Operating temperature max. (dynamic)         <	Operating temperature max.	85 °C
Product standard         DIN EN 61076-2-101 (M12)           Installation   Cable           Cable identification         318           Jacket Color         gray           Amount stranding         1           Stranding         3 wires twisted           Cable shielding (type)         copper braiding, bare           Cable shielding (coverage)         85 %           wire arrangement         brown, blue, black           Material jacket         PUR           Outer-diameter (jacket)         5,9 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         3           Conductor crosssection (wire)         0,34 mm²           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         6 A           Min. operating temperature (static)         -30 °C           Max. operating temperature (fixed)         80 °C           Operating temperature min. (dynamic)         -5 °C           Operating temperature max. (dynamic)         70 °C           UV resistance         DIN EN ISO 4992-2 A           Flame resistance         UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2           chemical resistance <td>Additional condition temperature range</td> <td>depending on cable quality</td>	Additional condition temperature range	depending on cable quality
Cable identification 318 Jacket Color gray Amount stranding 1 Stranding 3 wires twisted Cable shielding (type) copper braiding, bare Cable shielding (coverage) 85 % wire arrangement brown, blue, black Material jacket PUR Outer-diameter (jacket) 5,9 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 3 Conductor crosssection (wire) 0,34 mm² Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 6 A Mix. operating temperature (stiked) 80 °C Operating temperature (fixed) 70 °C UV resistance DIN EN ISO 4892-2 A Flame resistance UL 1581 § 1100 FT2   IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing DIN EN ISO 609, application-related testing	Conformity	
Cable identification         318           Jacket Color         gray           Amount stranding         1           Stranding         3 wires twisted           Cable shielding (type)         copper braiding, bare           Cable shielding (coverage)         85 %           wire arrangement         brown, blue, black           Material jacket         PUR           Outer-diameter (jacket)         5,9 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         3           Conductor crossection (wire)         0,34 mm²           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         6 A           Max. operating temperature (static)         -30 °C           Max. operating temperature (fixed)         80 °C           Operating temperature min. (dynamic)         -5 °C           Operating temperature max. (dynamic)         70 °C           UV resistance         DIN EN ISO 4892-2 A           Flame resistance         UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2           chemical resistance         Good, application-related testing </td <td>Product standard</td> <td>DIN EN 61076-2-101 (M12)</td>	Product standard	DIN EN 61076-2-101 (M12)
Amount stranding 1 Stranding 3 wires twisted Cable shielding (type) copper braiding, bare Cable shielding (coverage) 85 % Wrie arrangement brown, blue, black Material jacket PUR Outer-diameter (jacket) 5,9 mm Tolerance outer diameter (sheath) ±5 % Material wire insulation PVC Amount wires 3 Conductor crosssection (wire) 0,34 mm² Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 6 A Min. operating temperature (fixed) 80 °C Operating temperature (fixed) 80 °C Operating temperature min. (dynamic) 70 °C UV resistance DIN EN ISO 4892-2 A Filame resistance Good, application-related testing Gasoline resistance Good, application-related testing Gil resistance Good, application-related testing Gil resistance Good, application-related testing Good application-related testing   DIN EN 60811-404	Installation   Cable	
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Stranding 3 wires twisted  Cable shielding (type) copper braiding, bare  Cable shielding (coverage) 85 % wire arrangement brown, blue, black  Material jacket PUR  Outer-diameter (jacket) 5,9 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 3  Conductor crosssection (wire) 0,34 mm²  Current load capacity (standard) to DIN VDE 0298-4  Current load capacity min. wire 6 A  Min. operating temperature (static) -30 °C  Max. operating temperature (fixed) 80 °C  Operating temperature min. (dynamic) -5 °C  Operating temperature max. (dynamic) -5 °C  Operating temperature max. (dynamic) -5 °C  Current load capacity min. wire DIN NE ISO 4892-2 A  Flame resistance UL 1581 § 1990   UL 1581 § 1100 FT2   IEC 60332-2-2  chemical resistance Good, application-related testing  Gasoline resistance Good, application-related testing  Gil resistance Good, application-related testing  Oil resistance Good, application-related testing  Oil resistance Good, application-related testing  Gil resistance Good, application-related testing  Oil resistance Good, application-related testing   DIN EN 60811-404	Jacket Color	gray
Cable shielding (type)  Cable shielding (coverage)  85 %  wire arrangement  brown, blue, black  Material jacket  PUR  Outer-diameter (jacket)  5,9 mm  Tolerance outer diameter (sheath)  ± 5 %  Material wire insulation  PVC  Amount wires  3  Conductor crosssection (wire)  Ourrent load capacity (standard)  Current load capacity (standard)  Current load capacity min. wire  6 A  Max. operating temperature (fixed)  Max. operating temperature (fixed)  Max. operating temperature min. (dynamic)  Operating temperature max. (dynamic)  Vo °C  UV resistance  DIN EN ISO 4892-2 A  Flame resistance  Good, application-related testing  Gasoline resistance  Good, application-related testing  Oil resistance  Good, application-related testing  IN EN 160 6811-404	Amount stranding	1
Cable shielding (coverage) 85 % wire arrangement brown, blue, black  Material jacket PUR  Outer-diameter (jacket) 5,9 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 3  Conductor crosssection (wire) 0,34 mm²  Current load capacity (standard) to DIN VDE 0298-4  Current load capacity min. wire 6 A  Min. operating temperature (static) -30 °C  Max. operating temperature (fixed) 80 °C  Operating temperature min. (dynamic) 70 °C  UV resistance DIN EN ISO 4892-2 A  Flame resistance Good, application-related testing  Gasoline resistance Good, application-related testing  Good, application-related testing INN EN 60811-404	Stranding	3 wires twisted
wire arrangement brown, blue, black  Material jacket PUR  Outer-diameter (jacket) 5,9 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 3  Conductor crosssection (wire) 0,34 mm²  Current load capacity (standard) to DIN VDE 0298-4  Current load capacity min. wire 6 A  Min. operating temperature (static) -30 °C  Max. operating temperature (fixed) 80 °C  Operating temperature min. (dynamic) -5 °C  Operating temperature max. (dynamic) 70 °C  UV resistance DIN EN ISO 4892-2 A  Flame resistance UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2  chemical resistance Good, application-related testing  Gasoline resistance Good, application-related testing  Oil resistance Good, application-related testing   DIN EN 60811-404	Cable shielding (type)	copper braiding, bare
Material jacket PUR Outer-diameter (jacket) 5,9 mm Tolerance outer diameter (sheath) ±5 % Material wire insulation PVC Amount wires 3 Conductor crosssection (wire) 0,34 mm² Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 6 A Min. operating temperature (static) -30 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 70 °C UV resistance DIN EN ISO 4892-2 A Flame resistance UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good, application-related testing	Cable shielding (coverage)	85 %
Outer-diameter (jacket) 5,9 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 3  Conductor crosssection (wire) 0,34 mm²  Current load capacity (standard) to DIN VDE 0298-4  Current load capacity min. wire 6 A  Min. operating temperature (static) -30 °C  Max. operating temperature (fixed) 80 °C  Operating temperature min. (dynamic) -5 °C  Operating temperature max. (dynamic) 70 °C  UV resistance DIN EN ISO 4892-2 A  Flame resistance UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2  chemical resistance Good, application-related testing  Gasoline resistance Good, application-related testing  Gil resistance Good, application-related testing   DIN EN 60811-404	wire arrangement	brown, blue, black
Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 3  Conductor crosssection (wire) 0,34 mm²  Current load capacity (standard) to DIN VDE 0298-4  Current load capacity min. wire 6 A  Min. operating temperature (static) -30 °C  Max. operating temperature (fixed) 80 °C  Operating temperature min. (dynamic) -5 °C  Operating temperature max. (dynamic) 70 °C  UV resistance DIN EN ISO 4892-2 A  Flame resistance UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2  chemical resistance Good, application-related testing  Gasoline resistance Good, application-related testing  Good, application-related testing  Good, application-related testing   DIN EN 60811-404	Material jacket	PUR
Material wire insulation PVC  Amount wires 3  Conductor crosssection (wire) 0,34 mm²  Current load capacity (standard) to DIN VDE 0298-4  Current load capacity min. wire 6 A  Min. operating temperature (static) -30 °C  Max. operating temperature (fixed) 80 °C  Operating temperature min. (dynamic) -5 °C  Operating temperature max. (dynamic) 70 °C  UV resistance DIN EN ISO 4892-2 A  Flame resistance UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2  chemical resistance Good, application-related testing  Gasoline resistance Good, application-related testing   DIN EN 60811-404	Outer-diameter (jacket)	5,9 mm
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Conductor crosssection (wire)  O,34 mm²  Current load capacity (standard)  Current load capacity min. wire  6 A  Min. operating temperature (static)  Max. operating temperature (fixed)  Operating temperature min. (dynamic)  Operating temperature max. (dynamic)  Operating temperature max. (dynamic)  To °C  UV resistance  DIN EN ISO 4892-2 A  Flame resistance  UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2  Chemical resistance  Good, application-related testing  Good, application-related testing  Oil resistance  Good, application-related testing   DIN EN 60811-404	Material wire insulation	PVC
Current load capacity (standard) to DIN VDE 0298-4  Current load capacity min. wire 6 A  Min. operating temperature (static) -30 °C  Max. operating temperature (fixed) 80 °C  Operating temperature min. (dynamic) -5 °C  Operating temperature max. (dynamic) 70 °C  UV resistance DIN EN ISO 4892-2 A  Flame resistance UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2  chemical resistance Good, application-related testing  Gasoline resistance Good, application-related testing   DIN EN 60811-404	Amount wires	3
Current load capacity min. wire 6 A  Min. operating temperature (static) -30 °C  Max. operating temperature (fixed) 80 °C  Operating temperature min. (dynamic) -5 °C  Operating temperature max. (dynamic) 70 °C  UV resistance DIN EN ISO 4892-2 A  Flame resistance UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2  chemical resistance Good, application-related testing  Gasoline resistance Good, application-related testing   DIN EN 60811-404	Conductor crosssection (wire)	0,34 mm²
Min. operating temperature (static)  Max. operating temperature (fixed)  Operating temperature min. (dynamic)  -5 °C  Operating temperature max. (dynamic)  70 °C  UV resistance  DIN EN ISO 4892-2 A  Flame resistance  UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2  chemical resistance  Good, application-related testing  Gasoline resistance  Good, application-related testing  Good, application-related testing   DIN EN 60811-404	Current load capacity (standard)	to DIN VDE 0298-4
Max. operating temperature (fixed)  Operating temperature min. (dynamic)  -5 °C  Operating temperature max. (dynamic)  70 °C  UV resistance  DIN EN ISO 4892-2 A  Flame resistance  UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2  chemical resistance  Good, application-related testing  Gasoline resistance  Good, application-related testing  Oil resistance  Good, application-related testing   DIN EN 60811-404	Current load capacity min. wire	6 A
Operating temperature min. (dynamic)  Operating temperature max. (dynamic)  70 °C  UV resistance  DIN EN ISO 4892-2 A  Flame resistance  UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2  chemical resistance  Good, application-related testing  Gasoline resistance  Good, application-related testing  Oil resistance  Good, application-related testing   DIN EN 60811-404	Min. operating temperature (static)	-30 °C
Operating temperature max. (dynamic)  70 °C  UV resistance  DIN EN ISO 4892-2 A  Flame resistance  UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2  chemical resistance  Good, application-related testing  Gasoline resistance  Good, application-related testing  Oil resistance  Good, application-related testing   DIN EN 60811-404	Max. operating temperature (fixed)	80 °C
UV resistance DIN EN ISO 4892-2 A  Flame resistance UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2  chemical resistance Good, application-related testing  Gasoline resistance Good, application-related testing  Oil resistance Good, application-related testing   DIN EN 60811-404	Operating temperature min. (dynamic)	-5 °C
Flame resistance  UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2  chemical resistance  Good, application-related testing  Gasoline resistance  Good, application-related testing  Oil resistance  Good, application-related testing   DIN EN 60811-404	Operating temperature max. (dynamic)	70 °C
chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing   DIN EN 60811-404	UV resistance	DIN EN ISO 4892-2 A
Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing   DIN EN 60811-404	Flame resistance	UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2
Oil resistance Good, application-related testing   DIN EN 60811-404	chemical resistance	Good, application-related testing
	Gasoline resistance	Good, application-related testing
Bending radius (fixed) 10 x Outer diameter	Oil resistance	Good, application-related testing   DIN EN 60811-404
	Bending radius (fixed)	10 x Outer diameter

15 x Outer diameter