

EXACT12, 8XM12, 5-POLE, MOULDED CABLE

10.0m PUR/PVC 16x0,34+3X0.75, UL/CSA

8-way, 5-pole PUR/PVC Homerun cable with spring clamp terminals 5.0 m 11/12-pole

Further cable lengths on request.

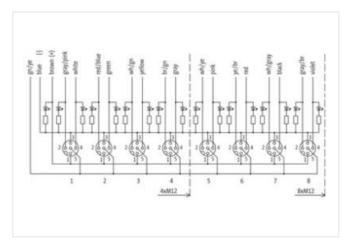
Plastic housings with good resistance against chemicals and oils.

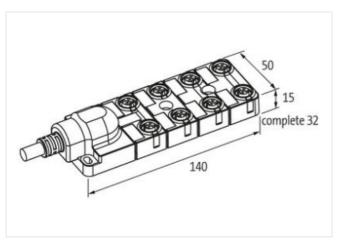
The resistance to aggressive media should be individually tested for your application. Further details on request.

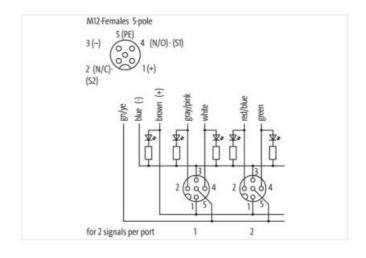
Link to Product

Illustration









Product may differ from Image









Commercial data

ECLASS-6.0	27143423
ECLASS-6.1	27279219



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ECLASS-7.0	27279219
ECLASS-8.0	27279219
	27440108
ECLASS-9.0 ECLASS-10.1	27440108
ECLASS-10.1	
ECLASS-11.1 ECLASS-12.0	27440108
	27440108
ETIM-5.0	EC002585
customs tariff number GTIN	85444290
	4048879408028
Packaging unit	1
Electrical data Supply	
Operating voltage DC	24 V
Current operating per contact max.	4 A
Installation Connection	
Mounting set	M12 x 1
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP65, IP67
Device protection Media	···
Flame resistance	flame retardant
Mechanical data Material data	
Material housing	Plastic
Mechanical data Mounting data	
Mounting method	Schraubgewinde
Environmental characteristics Climatic	
Operating temperature min.	-20 °C
operating temperature	20 0
Operating temperature max.	70 °C
Operating temperature max. Additional condition temperature range	70 °C depending on cable quality
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Additional condition temperature range Installation Cable	depending on cable quality
Additional condition temperature range Installation Cable Cable identification	depending on cable quality 398
Additional condition temperature range Installation Cable Cable identification Cable Type	depending on cable quality 398 2
Additional condition temperature range Installation Cable Cable identification Cable Type Jacket Color	depending on cable quality 398 2 gray
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Additional condition temperature range Installation Cable Cable identification Cable Type Jacket Color Type of Certificate STOOW style jacket Amount stranding Stranding Amount stranding (type 2)	depending on cable quality 398 2 gray cURus Hybrid, Signal, Power 1 7 wires around Core filler twisted 1
Additional condition temperature range Installation Cable Cable identification Cable Type Jacket Color Type of Certificate STOOW style jacket Amount stranding Stranding Amount stranding (type 2) Stranding (type 2)	depending on cable quality 398 2 gray cURus Hybrid, Signal, Power 1 7 wires around Core filler twisted 1 12 wires around Stranding combination twisted white, gray-pink, brown-green, yellow, green-white, green, red-blue, (violet, brown-gray, black, gray-white, red,
Additional condition temperature range Installation Cable Cable identification Cable Type Jacket Color Type of Certificate STOOW style jacket Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) wire arrangement	depending on cable quality 398 2 gray cURus Hybrid, Signal, Power 1 7 wires around Core filler twisted 1 12 wires around Stranding combination twisted white, gray-pink, brown-green, yellow, green-white, green, red-blue, (violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow)
Additional condition temperature range Installation Cable Cable identification Cable Type Jacket Color Type of Certificate STOOW style jacket Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) wire arrangement No. of bending cycles (C-track)	depending on cable quality 398 2 gray cURus Hybrid, Signal, Power 1 7 wires around Core filler twisted 1 12 wires around Stranding combination twisted white, gray-pink, brown-green, yellow, green-white, green, red-blue, (violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow) 2 Mio. @ 25 °C
Additional condition temperature range Installation Cable Cable identification Cable Type Jacket Color Type of Certificate STOOW style jacket Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) wire arrangement No. of bending cycles (C-track) Cable weigth	depending on cable quality 398 2 gray cURus Hybrid, Signal, Power 1 7 wires around Core filler twisted 1 12 wires around Stranding combination twisted white, gray-pink, brown-green, yellow, green-white, green, red-blue, (violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow) 2 Mio. @ 25 °C 165 g/m
Additional condition temperature range Installation Cable Cable identification Cable Type Jacket Color Type of Certificate STOOW style jacket Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket	depending on cable quality 398 2 gray cURus Hybrid, Signal, Power 1 7 wires around Core filler twisted 1 12 wires around Stranding combination twisted white, gray-pink, brown-green, yellow, green-white, green, red-blue, (violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow) 2 Mio. @ 25 °C 165 g/m PUR
Additional condition temperature range Installation Cable Cable identification Cable Type Jacket Color Type of Certificate STOOW style jacket Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket	depending on cable quality 398 2 gray cURus Hybrid, Signal, Power 1 7 wires around Core filler twisted 1 12 wires around Stranding combination twisted white, gray-pink, brown-green, yellow, green-white, green, red-blue, (violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow) 2 Mio. @ 25 °C 165 g/m PUR 87 ± 5 Shore A
Additional condition temperature range Installation Cable Cable identification Cable Type Jacket Color Type of Certificate STOOW style jacket Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket)	depending on cable quality 398 2 gray cURus Hybrid, Signal, Power 1 7 wires around Core filler twisted 1 12 wires around Stranding combination twisted white, gray-pink, brown-green, yellow, green-white, green, red-blue, (violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow) 2 Mio. @ 25 °C 165 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free
Additional condition temperature range Installation Cable Cable identification Cable Type Jacket Color Type of Certificate STOOW style jacket Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket)	depending on cable quality 398 2 gray cURus Hybrid, Signal, Power 1 7 wires around Core filler twisted 1 12 wires around Stranding combination twisted white, gray-pink, brown-green, yellow, green-white, green, red-blue, (violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow) 2 Mio. @ 25 °C 165 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 10 mm
Additional condition temperature range Installation Cable Cable identification Cable Type Jacket Color Type of Certificate STOOW style jacket Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath)	depending on cable quality 398 2 gray cURus Hybrid, Signal, Power 1 7 wires around Core filler twisted 1 12 wires around Stranding combination twisted white, gray-pink, brown-green, yellow, green-white, green, red-blue, (violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow) 2 Mio. @ 25 °C 165 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 10 mm ± 5 %
Additional condition temperature range Installation Cable Cable identification Cable Type Jacket Color Type of Certificate STOOW style jacket Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket	depending on cable quality 398 2 gray cURus Hybrid, Signal, Power 1 7 wires around Core filler twisted 1 12 wires around Stranding combination twisted white, gray-pink, brown-green, yellow, green-white, green, red-blue, (violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow) 2 Mio. @ 25 °C 165 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 10 mm ± 5 % PVC
Additional condition temperature range Installation Cable Cable identification Cable Type Jacket Color Type of Certificate STOOW style jacket Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket Color (inner jacket)	depending on cable quality 398 2 gray cURus Hybrid, Signal, Power 1 7 wires around Core filler twisted 1 12 wires around Stranding combination twisted white, gray-pink, brown-green, yellow, green-white, green, red-blue, (violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow) 2 Mio. @ 25 °C 165 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 10 mm ± 5 % PVC gray
Additional condition temperature range Installation Cable Cable identification Cable Type Jacket Color Type of Certificate STOOW style jacket Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket Color (inner jacket) Material wire insulation	depending on cable quality 398 2 gray cURus Hybrid, Signal, Power 1 7 wires around Core filler twisted 1 12 wires around Stranding combination twisted white, gray-pink, brown-green, yellow, green-white, green, red-blue, (violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow) 2 Mio. @ 25 °C 165 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 10 mm ± 5 % PVC gray PVC
Additional condition temperature range Installation Cable Cable identification Cable Type Jacket Color Type of Certificate STOOW style jacket Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket Color (inner jacket)	depending on cable quality 398 2 gray cURus Hybrid, Signal, Power 1 7 wires around Core filler twisted 1 12 wires around Stranding combination twisted white, gray-pink, brown-green, yellow, green-white, green, red-blue, (violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow) 2 Mio. @ 25 °C 165 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 10 mm ± 5 % PVC gray



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Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	43 ± 5 Shore D
Material properties wire insulation Ingredient freeness wire insulation	good machinability lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	19
Diameter of single wires	0,15 mm
	0,34 mm ²
Conductor crosssection (wire) Material conductor wire	Stranded copper wire, bare
	Strand class 5
Conductor type (wire)	PVC
Material wire insulation (Power)	
Outer diameter wire insulation (Power) Tolerance outer diameter wire insulation	1,8 mm
(Power)	±5 %
Shore hardness wire insulation (Power)	43±5 Shore D
Material properties wire insulation (Power)	good machinability
Ingredient freeness wire insulation (Power)	lead-free, cadmium-free, CFC-free, silicone-free
Amount wires (Power)	3
Amount strands wire (Power)	42
Diameter of single wires (Power)	0,15 mm
Wire conductor cross section (Power)	0,75 mm ²
Material conductor wire (Power)	Stranded copper wire, bare
Conductor type wire (Power)	strand class 6
Traversing distance (C-track)	5 m @ 25 °C
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
Electrical resistance coating wire (Power)	26 Ω/km @20 °C
Loop resistance	7,8 A
Max. rated voltage power (conductor - ground)	300 V
Max. rated voltage power (conductor - conductor)	300 V
Device for any agent of the transfer of	
Power frequency withstand voltage power (wire - jacket)	2 kV @ 60 s
Power frequency withstand voltage power (wire - jacket) AC withstand voltage power (wire - wire)	2 kV @ 60 s 2 kV @ 60 s
(wire - jacket)	
(wire - jacket) AC withstand voltage power (wire - wire)	2 kV @ 60 s
(wire - jacket) AC withstand voltage power (wire - wire) Min. operating temperature (static)	2 kV @ 60 s -30 °C
(wire - jacket) AC withstand voltage power (wire - wire) Min. operating temperature (static) Max. operating temperature (fixed)	2 kV @ 60 s -30 °C 80 °C
(wire - jacket) AC withstand voltage power (wire - wire) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic)	2 kV @ 60 s -30 °C 80 °C -5 °C
(wire - jacket) AC withstand voltage power (wire - wire) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic)	2 kV @ 60 s -30 °C 80 °C -5 °C 70 °C
(wire - jacket) AC withstand voltage power (wire - wire) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance	2 kV @ 60 s -30 °C 80 °C -5 °C 70 °C IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2
(wire - jacket) AC withstand voltage power (wire - wire) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance	2 kV @ 60 s -30 °C 80 °C -5 °C 70 °C IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 Good, application-related testing
(wire - jacket) AC withstand voltage power (wire - wire) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance	2 kV @ 60 s -30 °C 80 °C -5 °C 70 °C IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 Good, application-related testing Good, application-related testing
(wire - jacket) AC withstand voltage power (wire - wire) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance	2 kV @ 60 s -30 °C 80 °C -5 °C 70 °C IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 Good, application-related testing Good, application-related testing DIN EN 60811-404
(wire - jacket) AC withstand voltage power (wire - wire) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance Bending radius (fixed)	2 kV @ 60 s -30 °C 80 °C -5 °C 70 °C IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 Good, application-related testing Good, application-related testing Good, application-related testing DIN EN 60811-404 5 x Outer diameter
(wire - jacket) AC withstand voltage power (wire - wire) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance Bending radius (fixed) Bending radius (dynamic)	2 kV @ 60 s -30 °C 80 °C -5 °C 70 °C IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 Good, application-related testing Good, application-related testing Good, application-related testing DIN EN 60811-404 5 x Outer diameter
(wire - jacket) AC withstand voltage power (wire - wire) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance Bending radius (fixed) Bending radius (dynamic) Connection type 2	2 kV @ 60 s -30 °C 80 °C -5 °C 70 °C IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 Good, application-related testing Good, application-related testing Good, application-related testing DIN EN 60811-404 5 x Outer diameter 10 x Outer diameter
(wire - jacket) AC withstand voltage power (wire - wire) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance Bending radius (fixed) Bending radius (dynamic) Connection type 2 Family construction form	2 kV @ 60 s -30 °C 80 °C -5 °C 70 °C IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 Good, application-related testing Good, application-related testing Good, application-related testing DIN EN 60811-404 5 x Outer diameter 10 x Outer diameter
(wire - jacket) AC withstand voltage power (wire - wire) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance Bending radius (fixed) Bending radius (dynamic) Connection type 2 Family construction form Color contact carrier	2 kV @ 60 s -30 °C 80 °C -5 °C 70 °C IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 Good, application-related testing Good, application-related testing Good, application-related testing DIN EN 60811-404 5 x Outer diameter 10 x Outer diameter free cable end gray
(wire - jacket) AC withstand voltage power (wire - wire) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance Bending radius (fixed) Bending radius (dynamic) Connection type 2 Family construction form Color contact carrier No. of poles	2 kV @ 60 s -30 °C 80 °C -5 °C 70 °C IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 Good, application-related testing Good, application-related testing DIN EN 60811-404 5 x Outer diameter 10 x Outer diameter free cable end gray 19
(wire - jacket) AC withstand voltage power (wire - wire) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance Bending radius (fixed) Bending radius (dynamic) Connection type 2 Family construction form Color contact carrier No. of poles Family construction form	2 kV @ 60 s -30 °C 80 °C -5 °C 70 °C IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 Good, application-related testing Good, application-related testing Good, application-related testing DIN EN 60811-404 5 x Outer diameter 10 x Outer diameter free cable end gray 19 M12
(wire - jacket) AC withstand voltage power (wire - wire) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance Bending radius (fixed) Bending radius (dynamic) Connection type 2 Family construction form Color contact carrier No. of poles Family construction form Gender	2 kV @ 60 s -30 °C 80 °C -5 °C 70 °C IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 Good, application-related testing Good, application-related testing Good, application-related testing DIN EN 60811-404 5 x Outer diameter 10 x Outer diameter free cable end gray 19 M12 female
(wire - jacket) AC withstand voltage power (wire - wire) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance Bending radius (fixed) Bending radius (dynamic) Connection type 2 Family construction form Color contact carrier No. of poles Family construction form Gender Color contact carrier Coding	2 kV @ 60 s -30 °C 80 °C -5 °C 70 °C IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 Good, application-related testing Good, application-related testing Good, application-related testing DIN EN 60811-404 5 x Outer diameter 10 x Outer diameter free cable end gray 19 M12 female black
(wire - jacket) AC withstand voltage power (wire - wire) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance Bending radius (fixed) Bending radius (dynamic) Connection type 2 Family construction form Color contact carrier No. of poles Family construction form Gender Color contact carrier	2 kV @ 60 s -30 °C 80 °C -5 °C 70 °C IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 Good, application-related testing Good, application-related testing Good, application-related testing DIN EN 60811-404 5 x Outer diameter 10 x Outer diameter free cable end gray 19 M12 female black A
(wire - jacket) AC withstand voltage power (wire - wire) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance Bending radius (fixed) Bending radius (dynamic) Connection type 2 Family construction form Color contact carrier No. of poles Family construction form Gender Color contact carrier Coding No. of poles	2 kV @ 60 s -30 °C 80 °C -5 °C 70 °C IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 Good, application-related testing Good, application-related testing Good, application-related testing DIN EN 60811-404 5 x Outer diameter 10 x Outer diameter free cable end gray 19 M12 female black A

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: 2024-04-27



PIN 3	-
PIN 4	NO S 1
PIN 5	PE