

EXACT8, 4XM8, 4 POLE MOULDED CABLE

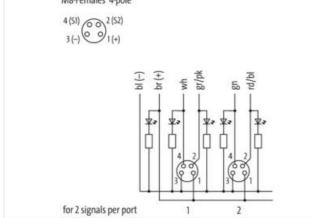
5.0m PUR 8x0,34+2x0,75, UL/CSA

4-way, 4-pole 5.0 m 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

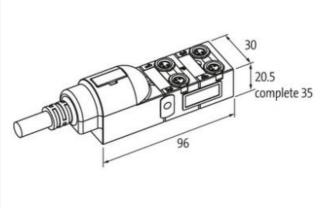
Illustration





Product may differ from Image





Commercial data		
ECLASS-6.0	27279219	
ECLASS-6.1	27279219	
ECLASS-7.0	27279219	
ECLASS-8.0	27279219	
ECLASS-9.0	27440108	

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

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ECLASS-10.1	27440108
ECLASS-10.1	27440108
ECLASS-12.0	27440108
ETIM-5.0	EC002585
customs tariff number	85444290
GTIN	4048879056229
Packaging unit	1
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Electrical data Supply	
Operating voltage DC	24 V
Current operating per contact max.	2 A
Total current max.	8 A
Industrial communication	
Number of signals per port	2
Installation Connection	
Mounting set	M8 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	-
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Operating temperature min. Operating temperature max.	-20 °C 80 °C
Additional condition temperature range	depending on cable quality
Installation Cable	
Cable identification	360
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	
Stranding	10 wires around Filler twisted
Banding	Fleece
Filler	yes brown, blue, brown-green, green-white, red-blue, gray-pink, gray, yellow, green, white
wire arrangement No. of bending cycles (C-track)	5 Mio. @ 25 °C
Cable weigth	110 g/m
Material jacket	PUR
Shore hardness jacket	89 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free
Outer-diameter (jacket)	9,2 mm
Tolerance outer diameter (sheath)	±5%
Material inner jacket	PVC
	gray
Color (inner jacket) Material wire insulation	gray PVC
Color (inner jacket)	
Color (inner jacket) Material wire insulation	PVC
Color (inner jacket) Material wire insulation Amount wires	PVC 8
Color (inner jacket) Material wire insulation Amount wires Outer diameter insulation	PVC 8 1,3 mm
Color (inner jacket) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation	PVC 8 1,3 mm ± 5 %

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Dameter of angle wies 0.15 mm Conductor vise 0.34 mm ² Material conductor wie 0.34 mm ² Material wie insulation (Power) Strand datas 5 Material wie insulation (Power) 15 mm Conductor vise insulation (Power) 15 % Shore hardness wie insulation (Power) 15 % Shore hardness wie insulation (Power) 16 Shore D Ingredent Horeness wire insulation (Power) 12 % Amount wires (Power) 2 Amount wires (Power) 2 Amount wires (Power) 12 % Diameter of aingle wires (Power) 13 Sm f Material conductor wire (Power) 13 Sm f Amount wires (Power) 2 Amount wires (Power) 13 Sm f Conductor type wire (Power) Strande topper wire, bare Conductor type wire (Power) Strande dopper wire, bare Conductor type wire (Power) Strande dopper wire, bare Conductor type wire (Power) Strande dopper wire, bare Conductor 00 V Conductor type wire (Power) Strande dopper wire, bare Conductor <th>Amount strands (wire)</th> <th>19</th>	Amount strands (wire)	19
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Constructor type (wire) Strand class 5 Material wire insulation (Power) TPE E Outer diameter wire insulation (Power) 1.8 mm Tolerance outer diameter wire insulation (Power) 5.5 Shore D Expredient Teenses wire insulation (Power) 5.5 Shore D Expredient Teenses wire insulation (Power) 4.2 Diameter disingle (Power) 4.2 Diameter disingle (West (Power) 0.15 mm Wire conductor verse section (Power) 0.75 mm² Material conductor wire (Power) 0.75 mm² Material conductor wire (Power) 0.75 mm² Material conductor wire (Power) 0.75 mm² Conductor type (rever) 0.75 mm² Material conductor wire (Power) 0.75 mm² Current load capacity min. wire 4.A Electrical resistance (C-nack) 5 m @ 25 °C hostrontal Current load capacity min. wire 4.A Electrical resistance for conductor / ground) 300 V Max. radd voltage power (conductor - ground) 300 V Max. radd voltage power (conductor - ground) 300 V Context by approverement, (dynamic) 5 °C	Conductor crosssection (wire)	0,34 mm ²
Material wire insulation (Power) TPE E Outer diameter wire insulation (Power) 1,8 mm Tolerance outer diameter wire insulation (Power) 55 Shore D Ingredient treeness wire insulation (Power) 15 Shore D Ingredient treeness wire insulation (Power) 2 Amount wise (Power) 2 Amount wise (Power) 42 Diameter of aingle wires (Power) 0,15 mm Wires conductor room seatcion (Power) Stranded cooper wire, bare Conductor type wires (Power) Stranded cooper wire, bare Conductor type wire (Power) Stranded cooper wire, bare Conductor type wire (Power) Stranded cooper wire, bare Contradi Carpa wire (Power) Strande Carpa 20 °C Electrical resistance breating wire (Power) Strande 20 °C Max. ralde voltage power (conductor - gourd) 300 V Max. ralde voltage power (conductor - gourd) 300 V	Material conductor wire	Stranded copper wire, bare
Outer diameter wire insulation (Power) 1.8 mm Tolerance suber diameter wire insulation (Power) 15 % Shore hardness wire insulation (Power) 55 Shore D Impredient Reseas wire insulation (Power) 2 Amount strands wire (Power) 42 Dameter of single Wres (Power) 0.15 mm Wire conductor cross section (Power) 0.15 mm Material conductor vire (Power) 0.15 mm Canductor type wire (Power) Strand class 5 Canductor vire (Power) Strand class 5 Carrent load capacity min. wire 4 A Electrical resistance factors for 00 (20 °C Carrent load capacity min. wire Max. rated voltage power (conductor - ground) 300 V Max. rated voltage power (conductor - ground) 300 V Max. rated voltage power (conductor - ground) 300 V Max. rated voltage power (conductor - ground) 300 V Max. rated voltage power (conductor - ground) 300 V Max. rated voltage power (conductor - ground) 300 V Max. rated voltage power (conductor - ground) 300 V Max. rated voltage power (conductor - ground) 300 V Max.	Conductor type (wire)	Strand class 5
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(Power) 25 % (Power) 55 Shore D Ingredient freeness wire insulation (Power) lead-free, cadmium-free, CFC-free, halogen-free Amount stratus (Power) 2 Damaler of single wires (Power) 0.15 mm Wire conductor cross section (Power) 0.15 mm Wire conductor cross section (Power) 0.75 mm ³ Material conductor wire (Power) Strandel copper wire, bare Conductor type wire (Power) Strandel copper wire, bare Conductor type wire (Power) Strandel copper wire, bare Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (wire (Power) 26 CAm @20 °C Max, rated voltage power (conductor - ground) 300 V Power fraguery withstand voltage power 24 V@ @ 0 s AC withstand voltage power (wire - wire) 24 V@ @ 0 s Min. operating temperature (wire, wire) 24 V@ @ 0 s AC withstand voltage power (wire - wire) 24 V@ @ 0 s AC withstand voltage power (wire - wire) 24 V@ @ 0 s	Outer diameter wire insulation (Power)	1,8 mm
Ingredient freeness wire insulation (Power) lead free, cadmium free, CFC-free, halogen free Amount strands wire (Power) 2 Jameter of single wires (Power) 0,15 mm Wire conductor cress section (Power) 0,75 mm ² Marial Zonductor wire (Power) Strand doaper wire, bare Conductor type wire (Power) Strand doaper wire, bare Conductor type wire (Power) Strand doape 5 Traversing distance (C-track) 5 m Ø 25 °C horizontal Current load capacity (sindard) to DIN VDE 0298-4 Current load capacity (sindard) to DX VDE 0298-4 Max rated voltage power (conductor - ground) 300 V Max rated voltage power (conductor - ground) 300 V Power frequency withstand voltage power (wire - wire) 2 kV Ø 60 s Min. operating themperature (sind) 80 °C Operation generature max. (dynamic) 5 °C Operation temperature (sind) 80 °C		±5 %
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Amount strands wire (Power) 42 Diameter of single wires (Power) 0,15 mm Wire conductor cross section (Power) Stranded copper wire, bare Conductor type wire (Power) Stranded copper wire, bare Current load capacity (standard) to DIN VDE 0296.4 Current load capacity (standard) to DIN VDE 0296.4 Current load capacity mix wire 4 A Electrical resistance conting wire (Power) 26 D/km @20 °C Max. rated voltage power (conductor - ground) 300 V Power requency withstand voltage power (conductor - ground) 300 V Power requency withstand voltage power (conductor - ground) 300 V Operating temperature (static) -40 °C Max. rated voltage power (wire - wire) 2 kV @ 60 s Mort operating temperature (static) -40 °C Operating temperature (static) -40 °C Max. rated voltage power (conductor - ground) 80 °C Flame resistance Good, application-related testing Operating temperature (static) 40 °C Max. caperating temperature	Ingredient freeness wire insulation (Power)	lead-free, cadmium-free, CFC-free, halogen-free
Diameter of single wires (Power) 0,15 mm Wire conductor cross section (Power) Strand class 5 Conductor type wire (Power) Strand class 5 Traversing distance (C-track) 5 m @ 25 °C1 (brizontal Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4 A Electrical resistance loc costs wire (Power) 50 Mm @ 20 °C Itedrical resistance loc costs wire (Power) 80 Mm @ 20 °C Itedrical resistance loc costs wire (Power) 300 V Max. rated voltage power (conductor - ground) 300 V Power frequency withstand voltage power (incluctor - orductor) 300 V Power frequency withstand voltage power (incluctor - do 0 V 300 V Power frequency withstand voltage power (incluctor - do °C 300 V Ac withstand voltage power (incluctor - do °C 300 V Power frequency withstand voltage power (incluctor - do °C 300 V Operating temperature (static) -40 °C Max. operating temperature (static) -40 °C Max. operating temperature (static) -40 °C Gascilla resistance Good, application-related testing Operating temperature max. (dynamic) -5 °C Operating temperature max. (dynamic) -5 °C Operating temperature max. (dynamic) -0 °C Gascill	Amount wires (Power)	2
Wire conductor cross section (Power) 0,75 mm² Material conductor wire (Power) Stranded copper wire, bare Conductor type wire (Power) Stranded copper wire, bare Current load capacity (standard) to DIN VDE 0298.4 Max rated voltage power (conductor - conductor - conductor) 300 V Max. rated voltage power (conductor - conductor) 300 V Power frequency withstand voltage power (wire : jacket) 40 °C Max. operating temperature (fixed) 80 °C Conductor resistance UL 1581 § 1090 UL 1581 § 1100 FT2 EC 60332 *2 Chemical resistance Good, application-related testing <td>Amount strands wire (Power)</td> <td>42</td>	Amount strands wire (Power)	42
Material conductor wire (Power) Strand daps 5 Conductor type wire (Power) Strand class 5 Traversing distance (C-track) 5 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE (298-4) Current load capacity (standard) 57 0/km @ 20 °C Electrical resistance coating wire (Power) 26 0/km @ 20 °C Max. rated voltage power (conductor - ground) 300 V Max. rated voltage power (conductor - ground) 300 V Power trequency withstand voltage power 2 kV @ 60 s Min. operating temperature (statc) -40 °C Max. cated voltage power (wire - wire) 2 kV @ 60 s Min. operating temperature (fixed) 80 °C Operating temperature (fixed) 80 °C Generating temperature (fixed) 80 °C Operating temperature (fixed) 80 °C Operating temperature (fixed) 80 °C Flame resistance Cut rists § 1000 FT2 EC 60332-2-2 chemical resistance Good, application-related testing Oli resistance Good, application-related testing Oli resistance Good, application-related testing Oli resistance Good, application-related testing	Diameter of single wires (Power)	0,15 mm
Conductor type wire (Power) Strand class 5 Traversing distance (C-track) 5 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4 A Electrical resistance inc constant wire 57 Q/km @ 20 °C Electrical resistance coating wire (Power) 26 Q/km @ 20 °C Max. rated voltage power (conductor - ground) 300 V Max. rated voltage power (conductor - ground) 300 V Power frequency withstand voltage power (wire - wire) 2 kV @ 60 s AC withstand voltage power (wire - wire) 2 kV @ 60 s AC withstand voltage power (wire - wire) 2 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (static) -40 °C Qoerating temperature (static) -40 °C Max. operating temperature (static) -40 °C Gasoline resistance Good, application-related testing Operating temperature (static) -40 °C Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good, application-	Wire conductor cross section (Power)	0,75 mm²
Traversing distance (C-track) 5 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298.4 Current load capacity min. wire 4 A Electrical resistance line constant wire 57 Q/km @ 20 °C Electrical resistance coating wire (Power) 26 Ω/km @ 20 °C Max. rated voltage power (conductor - ground) 300 V Max. rated voltage power (conductor - conductor) 300 V Power frequency withstand voltage power (wire - wire) 2 kV @ 60 s Min. operating temperature (static) -40 °C Max. collage temperature (static) -40 °C Querating temperature max. (dynamic) -5 °C Operating temperature max. (dynamic) 80 °C Electrical resistance UL 1581 § 1100 FT2 EC 60332-2-2 Chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Gasoline resistance Good, application-related testing Bending radius (installation) × Outer diameter Bending radius (dynamic) 10 × Outer diameter Bending radius (dynamic) 10 × Outer diameter Bending radius (dynamic) 10	Material conductor wire (Power)	Stranded copper wire, bare
Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4 A Electrical resistance conting wire (Power) 20 Nm @20 °C Max. rated voltage power (conductor - ground) 300 V Max. rated voltage power (conductor - ground) 300 V Power frequency withstand voltage power (wire - jacket) 300 V AC withstand voltage power (wire - wire) 2 kV @ 60 s AC. withstand voltage power (wire - wire) 2 kV @ 60 s Max. caperating temperature (fixed) 80 °C Operating temperature (fixed) 80 °C Chreating temperature (fixed) 80 °C Operating temperature (fixed) 80 °C Operating temperature (fixed) 80 °C Descing temperature (fixed) 80 °C Descing temperature (fixed) 80 °C Basilone	Conductor type wire (Power)	Strand class 5
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Electrical resistance coating wire (Power) 26 Ω/km @20 °C Max. rated voltage power (conductor - ground) 300 V Max. rated voltage power (conductor - ground) 300 V Power frequency withstand voltage power 2 kV @ 60 s AC withstand voltage power (vire - wire) 2 kV @ 60 s AC withstand voltage power (vire - wire) 2 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (static) -40 °C Operating temperature (static) -40 °C Max. operating temperature (static) -40 °C Operating temperature (static) -40 °C Operating temperature (static) -60 °C	Current load capacity min. wire	4 A
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Max. rated voltage power (conductor - conductor) 300 V Power frequency withstand voltage power 2 kV @ 60 s AC withstand voltage power (wire - wire) 2 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C Operating temperature (mixed) 80 °C Operating temperature (mixed) 80 °C Flame resistance UL 1581 § 1000 UL 1581 § 1100 FT2 IEC 60332-2-2 Othernical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing Bending radius (instaliation) x Outer diameter Bending radius (instaliation) x Outer diameter Bending radius (fynamic) 10 x Outer diameter Bending radius (fynamic) 10 x Outer diameter Edmeding radius (formatic) 10 x Outer diameter Gasoline resistance Good, application-related testing Connection type 2 Family construction form Family construction form free cable end No. of poles 10 Family construction form M8 Garder female </td <td>Electrical resistance coating wire (Power)</td> <td>26 Ω/km @20 °C</td>	Electrical resistance coating wire (Power)	26 Ω/km @20 °C
conductor)SUU VPower frequency withstand voltage power (wire - jacket)2 kV @ 60 sAC withstand voltage power (wire - wire)2 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (static)-40 °COperating temperature (fixed)80 °COperating temperature (mixed)80 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)80 °CFlame resistanceUL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testingBending radius (installation)x Outer diameterBending radius (installation)x Outer diameterBending radius (dynamic)10 x Outer diameterFamily construction formfree cable endNo. of poles10Family construction formM8GenderfemaleColor contact carrierblackCodingANo. of poles4FIN 1+FIN 2S 2FIN 3-	Max. rated voltage power (conductor - ground)	300 V
(wire - jacket) 2 kV @ 00 s AC withstand voltage power (wire - wire) 2 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (isked) 80 °C Operating temperature min. (dynamic) 80 °C Operating temperature min. (dynamic) 80 °C Operating temperature min. (dynamic) 80 °C Operating temperature max. (dynamic) 80 °C Coll resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing Bending radius (installation) x Outer diameter Bending radius (dynamic) 10 x Outer diameter Concetion type 2 - Family construction form free cable end No. of poles 10 Family construction form M8 Gender female Color contact carrier black Cooling A No.		300 V
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Operating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)80 °CFlame resistanceUL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceGood, application-related testing DIN EN 60811-404Bending radius (installation)x Outer diameterBending radius (dynamic)10 x Outer diameterBending radius (dynamic)10 x Outer diameterConnection type 2Family construction formfree cable endNo. of poles10Family construction formM8GenderfemaleColor contact carrierblackCoolingANo. of poles4PIN 1+PIN 2S 2PIN 3-	Min. operating temperature (static)	-40 °C
Operating temperature max. (dynamic)80 °CFlame resistanceUL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceGood, application-related testing DIN EN 60811-404Bending radius (installation)x Outer diameterBending radius (dynamic)10 x Outer diameterBending radius (dynamic)10 x Outer diameterBending radius (opamic)10 x Outer diameterBending radius (opamic)10 x Outer diameterBending radius (opamic)10 x Outer diameterConnection type 2Family construction formfree cable endNo. of poles10Family construction formM8GenderfemaleColor contact carrierblackCodingANo. of poles4PIN 1+PIN 2S 2PIN 3-	Max. operating temperature (fixed)	80 °C
Flame resistanceUL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceGood, application-related testingBending radius (installation)x Outer diameterBending radius (fixed)x Outer diameterBending radius (dynamic)10 x Outer diameterBending radius (dynamic)10 x Outer diameterBending radius (dynamic)10 x Outer diameterConnection type 2Family construction formfree cable endNo. of poles10Family construction formM8GenderfemaleColor contact carrierblackCodingANo. of poles4PIN 1+PIN 2S 2PIN 3-	Operating temperature min. (dynamic)	-5 ℃
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Oil resistanceGood, application-related testing DIN EN 60811-404Bending radius (installation)x Outer diameterBending radius (fixed)x Outer diameterBending radius (dynamic)10 x Outer diameterConnection type 2Family construction formfree cable endNo. of poles10Family construction formM8GenderfemaleColor contact carrierblackCodingANo. of poles4PIN 1+PIN 2S 2PIN 3-	chemical resistance	Good, application-related testing
Bending radius (installation)x Outer diameterBending radius (fixed)x Outer diameterBending radius (dynamic)10 x Outer diameterConnection type 2Family construction formfree cable endNo. of poles10Family construction formM8GenderfemaleColor contact carrierblackCodingANo. of poles4PIN 1+PIN 2S 2PIN 3-	Gasoline resistance	Good, application-related testing
Bending radius (fixed)x Outer diameterBending radius (dynamic)10 x Outer diameterConnection type 2Family construction formfree cable endNo. of poles10Family construction formM8GenderfemaleColor contact carrierblackCodingANo. of poles4PIN 1+PIN 2S 2PIN 3-	Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (dynamic)10 x Outer diameterConnection type 2Family construction formfree cable endNo. of poles10Family construction formM8GenderfemaleColor contact carrierblackCodingANo. of poles4PIN 1+PIN 2S 2PIN 3-	Bending radius (installation)	x Outer diameter
Connection type 2Family construction formfree cable endNo. of poles10Family construction formM8GenderfemaleColor contact carrierblackCodingANo. of poles4PIN 1+PIN 2S 2PIN 3-	Bending radius (fixed)	x Outer diameter
Family construction formfree cable endNo. of poles10Family construction formM8GenderfemaleColor contact carrierblackCodingANo. of poles4PIN 1+PIN 2S 2PIN 3-	Bending radius (dynamic)	10 x Outer diameter
No. of poles10Family construction formM8GenderfemaleColor contact carrierblackCodingANo. of poles4PIN 1+PIN 2S 2PIN 3-	Connection type 2	
Family construction formM8GenderfemaleColor contact carrierblackCodingANo. of poles4PIN 1+PIN 2S 2PIN 3-	Family construction form	free cable end
GenderfemaleColor contact carrierblackCodingANo. of poles4PIN 1+PIN 2S 2PIN 3-	No. of poles	10
Color contact carrierblackCodingANo. of poles4PIN 1+PIN 2S 2PIN 3-	Family construction form	M8
Coding A No. of poles 4 PIN 1 + PIN 2 S 2 PIN 3 -	Gender	female
No. of poles 4 PIN 1 + PIN 2 S 2 PIN 3 -	Color contact carrier	black
PIN 1 + PIN 2 S 2 PIN 3 -	Coding	A
PIN 2 S 2 PIN 3 -	No. of poles	4
PIN 3 -	PIN 1	+
	PIN 2	\$2
PIN 4 S 1	PIN 3	·
	PIN 4	\$1

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

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