

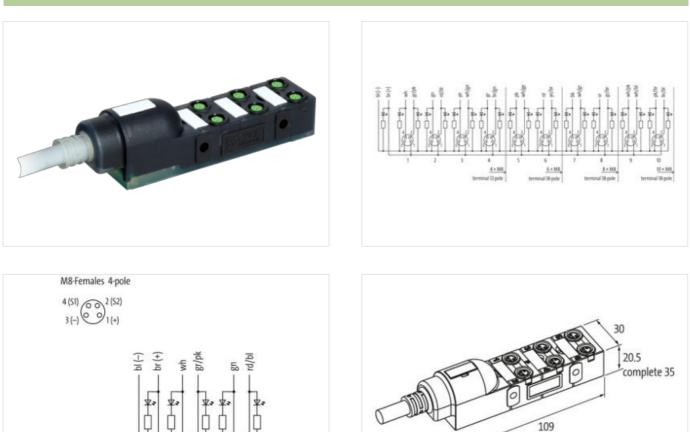
EXACT8, 6XM8, 4 POLE MOULDED CABLE

10.0m PUR 12x0.34+2x0,75, UL/CSA

6-way, 4-pole 10.0 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

for 2 signals per port



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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: 2024-05-08

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The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-08

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Conductor crossestion (vin) 0.44 mm ² Tavarstrig distance (C-racid) Sm 02.57 (C hotocold) Material conductor vine Stranded copper wine, bare Conductor type (wine) stranded copper wine, bare Material wine insulation (Data) TPE-E Outer diameter wine insulation (Data) 56.15 Shore D Ingredient freemes wine insulation (Data) 66.15 Shore D Ingredient freemes wine insulation (Data) 62.15 Shore D Ingredient freemes wine insulation (Data) 62.15 Shore D Ingredient freemes wine insulation (Data) 62.15 Shore D Conductor consection wine (Data) 0.75 mm ² Conductor or consection wine (Data) 0.75 mm ² Conductor or consection wine (Data) 0.75 mm ² Constructor consection wine (Data) 1.87 mm ² Constructor consection wine (Data) 1.87 mm ² Constructor consection wine (Data) 1.87 mm ² Constructor consection wine (Data) 0.75 mm ² Constructor consection wine (Data) 0.75 mm ² Constructor constructor 0.00 V Constructor constructor 0.00 V Consection wine (Data)	Diameter of single wires	0,1 mm
Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Material wire insulation (Data) 1.8 mm Conductor twe insulation (Data) 55 ± 5 Shore D Increditation the mess wire insulation (Data) 55 ± 5 Shore D Increditation the mess wire insulation (Data) 45 ± 5 Shore D Increditation themeses wire insulation (Data) 42 Damater of inspire wires (Data) 0.15 mm Conductor crosssection wire (Data) 0.75 mm² Masterial conductor wire (Gata) Stranded copper wire, bare Wire conductor (Per (Gata) Stranded copper wire, bare Masterial conductor wire (Gata) Stranded copper wire, bare Masterial conductor wire (Gata) Stranded copper wire, bare Masterial voltage (conductor- conductor) 300 V Current load capacity (standard) to DIN VDE 0286-4 Current load capacity (mix wire) 4 A Current load capacity (mix wire) 4 A Current load capacity (mix wire) 2 AV @ 60 s Power (requerey withstand voltage (wire - wire) 2 AV @ 60 s Power (requerey withstand voltage (wire - wire) 3 VI @ 7C	Conductor crosssection (wire)	0,34 mm ²
Control type (wire) stand class 6 Material wire insulation (Data) TPE-E Color diametier wire insulation (Data) 1.8 mm Tolerance outer diameter wire insulation (Data) 5.9 5 Shore D Ingredient freeness wire insulation (Data) 4.8 de-free, cadmium-free, CPC-free, halogan-free Amount stronds wires (Data) 2 Amount wires (Data) 4.2 Diameter of single wires (Data) 0.15 mm Conductor crosssection wire (Data) 0.15 mm Conductor versessection wire (Data) 0.15 mm Conductor crosssection wire (Data) 5.9 fbmd Marrial conductor wire (Data) 0.15 mm Conductor crosssection wire (Data) 0.15 mm Conductor crosssection wire (Data) Stranded copper wire, bare Wire conductor by (pt) (Data) strand consport wire, bare Current load coppacity min. wire 4.A Current load coppacity min. wire (Data) 12 A Electrical resistance outing wire (Data) 28 Ω km (#20 °C Convert load coppacity min. wire (Data) 24 V@ @ 0 s Power frequency wire (Wire (Data) 24 V@ @ 0 s Corrent load coppacity min.	Traversing distance (C-track)	5 m @ 25 °C horizontal
Material wire insulation (Data) TPE E Ouler diameter wire insulation (Data) 1.5 mm Toterance outer diameter wire insulation (Data) 55 ± 5 Shore D Ingredient Teresewire insulation (Data) 56 ± 5 Shore D Ingredient Teresewire insulation (Data) 56 ± 5 Shore D Ingredient Teresewire insulation (Data) 64 ± 5% Amount wires (Data) 42 Dameter of single wires (Data) 0.15 mm Conductor rossection wire (Data) 0.75 mm² Dameter of single (conductor - conductor) 300 V Max: rated voltage (conductor - conductor) 300 V Current load capacity (standard) 10 DIN VDE 0284 4 Current load capacity (standard) 10 DIN VDE 0284 4 Current load capacity (standard) 10 DIN VDE 0284 4 Current load capacity (standard) 10 DIN VDE 0284 4 Current load capacity (standard) 12 A Current load capacity (standard) 12 A Current load capacity min. wire 4 A Current load capacity min. wire 2 NV @ 80 a Power foreinery withstand voltage (wire - extreme set) 2 NV @ 80 a Constructin costande (standar)<	Material conductor wire	Stranded copper wire, bare
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Tolerance outer diameter wire insulation (data) ± 5 % Shore hardness wire insulation (Data) Isad-free, cadmium-free, CFC-free, halogen-free Arnount wires (Data) 42 Dimeter of sing wires (Data) 0,15 mm Conductor crossection wire (Data) 55 r 5 Shore D Dimeter of sing wires (Data) 0,15 mm Conductor representation (Data) Stranded copper wire, bare Material conductor wire (Data) Stranded copper wire, bare Max. rated voltage (conductor - conductor) 300 V Current load capacity (standard) to DIN VDE 0298 4 Current load capacity (standard) to DIN VDE 0298 4 Current load capacity min. Wire (Data) 12 A Electrical resistance conting wire (Data) 28 OAm @ 20 °C Ac withstand voltage (wire wire) 21 KV @ 60 s Power frequency willistand voltage (wire) 2 kV @ 60 s Power frequency willistand voltage (wire) 2 kV @ 60 s Operating temperature (ink, dynamic) 45 °C Operating temperature (ink, dynamic) 40 °C Max. operating temperature (ink, dynamic) 5 °C Operating temperature min. (dynamic) 5 °C	Material wire insulation (Data)	TPE-E
Shore hardness wire insulation (Data) 55 ± 5 Shore D Ingredient Veeniess wire insulation (Data) Iead-free, cadmium free, CPC-free, halogen-free Amount wires (Data) 2 Amount wires (Data) 0.75 mm² Diander of single wires (Data) 0.75 mm² Conclustor crossection wire (Data) 0.75 mm² Material conductor wire (Data) Stranded copper wire, bare Max. rated voltage (conductor - conductor) 300 V Max. rated voltage (conductor - conductor) 300 V Max. rated voltage (conductor - conductor) 300 V Current load capacity min. Wire (Data) 12 A Current load capacity min. Wire (Data) 26 D/km @ 20 °C Ac withstand voltage (wire - wire (Stata) 26 D/km @ 20 °C Ac withstand voltage (wire - wire (Stata) 26 D/km @ 20 °C Ac withstand voltage (wire - wire (Stata) 26 D/km @ 20 °C Ac withstand voltage (wire - wire (Stata) 40 °C Min. operaling temperature min. (wiremic) 5 °C Operating temperature min. (wiremic) 5 °C Operating temperature (Stata) 40 °C Min. operaling temperature (Wore) 5 °C	Outer diameter wire insulation (Data)	1,8 mm
Ingredient freeness wire insulation (Data) lead-free, cadmium-free, CFC-free, halogen-free Amount wires (Data) 2 Amount wires (Data) 42 Diameter of single wires (Data) 0,15 mm Conductor crossection wire (Data) 0,75 mm ² Material conductor wire (Data) Stranded coper wire, bare Wire conductor vore (Data) Stranded coper wire, bare Ware and voltage (conductor - conductor) 300 V Current load capacity (standard) to DN VDE 0298-4 Current load capacity min. wire 4 A Current load capacity min. wire 57 GKm @ 20 °C Electrical resistance line constant wire 57 GKm @ 20 °C Ac withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withStand voltage (wire - size) 2 kV @ 60 s Min. operating temperature (stalic) -40 °C Max operating temperature max. (shramic) -5 °C Operating temperature fixes	Tolerance outer diameter wire insulation (data)	±5%
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Amount strands wire (Data) 42 Dameter of single wires (Data) 0.75 mm² Conductor or secondow wire (Data) 0.75 mm² Material conductor vire (Data) Stranded copper wire, bare Wire conductor vire (Data) Stranded copper wire, bare Wire conductor vipe (Data) strand dass 6 Max, rated voltage (conductor - conductor) 300 V Current load capacity min, wire 4 A Current load capacity min, wire 4 A Current load capacity min, wire 57 Ω/km @ 20 °C Electrical resistance line constant wire 57 Ω/km @ 20 °C Electrical resistance coating wire (Data) 2 kV @ 60 s Min. operating temperature (static) 40 °C Max- operating temperature (static) 40 °C Operating temperature (static) 80 °C Operating temperatur	Ingredient freeness wire insulation (Data)	lead-free, cadmium-free, CFC-free, halogen-free
Diameter of single wires (Data) 0,15 mm Conductor crossection wire (Data) 0,75 mm² Mire conductor wire (Data) Stranded coper wire, bare Wire conductor type (Data) strand class 6 Max. rated voltage (conductor - conductod) 300 V Max. rated voltage (conductor - ground) 300 V Current load capacity (standard) to DIN VDE 0296.4 Current load capacity (standard) to DIN VDE 0296.4 Current load capacity (standard) to DIN VDE 0296.4 Current load capacity (standard) 28 DXm @ 20 °C Electrical resistance coaling wire (Data) 28 DXm @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - wire) 2 kV @ 60 s Coparating temperature (static) 40 °C Max. operating temperature (static) 40 °C Gasoline resistance Good, application-related testing Operating temperature main. (dynamic) 50 °C Coperating temperature main. (dynamic) 50 °C	Amount wires (Data)	2
Conductor crosssection wire (Data) 0.75 mm² Material conductor wire (Data) Stranded copper wire, bare Wire conductor ype (Data) strand class 6 Max. rated voltage (conductor - ground) 300 V Current load capacity (standard) to DIN VDE 0286.4 Current load capacity min. Wire 4 A Current load capacity min. Wire (Data) 12 A Electrical resistance costing wire 57 Ω/km @ 20 °C Electrical resistance costing wire 57 Ω/km @ 20 °C Clarent load capacity min. Wire (Data) 2 KV @ 60 s Power frequency withstand voltage (wire - wire) 2 KV @ 60 s AC withstand voltage (wire - wire) 2 KV @ 60 s Max. operating temperature (static) 40 °C Max. operating temperature (static) 40 °C Querating temperature (static) 40 °C Querating temperature max. (dynamic) 5 °C Operating temperature max. (dynamic) 5 °C Operating temperature max. (dynamic) 80 °C Operating temperature max. (dynamic) 5 °C Operating temperature max. (dynamic) 5 °C Geodd, application-related testing 010 Oil resistance Good, application-related testing Oil resistance Good, application-related testing Oil relation form free c	Amount strands wire (Data)	42
Material conductor vire (Data) Stranded copper vire, bare Wire conductor vipe (Data) strand class 6 Max, rate voltage (conductor : conductor) 300 V Max, rate voltage (conductor : ground) 300 V Current load capacity (standard) to DIN VDE C029-4 Current load capacity (standard) to DIN VDE C029-4 Current load capacity (min. Wire (Data) 12 A Electrical resistance line constant wire 57 D/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - wire) 2 kV @ 60 s Power frequency mature (static) -40 °C Max, operating temperature (static) -40 °C Max, operating temperature (static) -40 °C Operating temperature max. (dynamic) 80 °C Person resistance Gu vib 158 § 1100 FT2 EC 6032-2-2 U L 1581 § 1090 Chemical resistance Good, application-related testing Operating temperature max. (dynamic) 80 °C Flame resistance Good, application-related testing Oli resistance Good, application-related testing Bending radius (fixed) 7,5 x Outer diameter	Diameter of single wires (Data)	0,15 mm
Wire conductor type (Data) strand class 6 Max. rated voltage (conductor - conductor) 300 V Max. rated voltage (conductor - conductor) 300 V Current load capacity (standard) to DIN VDE 0298.4 Current load capacity (standard) to DIN VDE 0298.4 Current load capacity min. wire 4 A Current load capacity min. wire 2 KV @ 60 s Power frequency withstand voltage (wire - wire) 2 kV @ 60 s Min. operating temperature (static) -40 °C Max. coperating temperature (static) -40 °C Max. coperating temperature (static) -40 °C Max. coperating temperature (static) -60 °C Operating temperature min. (dynamic) -5 °C Operating temperature (static) 80 °C Connectin resistance<	Conductor crosssection wire (Data)	0,75 mm²
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Max. rated voltage (conductor - ground) 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4 A Current load capacity min. wire 4 A Carrent load capacity min. wire 57 0.km @ 20 °C Electrical resistance ine constant wire 57 0.km @ 20 °C A C withstand voltage (wire · wire) 2 kV @ 60 s Power frequency withstand voltage (wire · wire) 2 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (static) -40 °C Operating temperature (static) -5 °C Operating temperature min. (dynamic) 80 °C Correction terms Good, application-related testing Gasoline resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Chernical resistance Good, application-related testing Oli resistance Good, application-related testing Din resistance Good, application-related testi	Wire conductor type (Data)	strand class 6
Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4 A Current load capacity min. wire (Data) 12 A Electrical resistance ine constant wire 5 O/km @ 20 °C Electrical resistance coating wire (Data) 26 O/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - isoconstant) 2 kV @ 60 s Max. operating temperature (static) -40 °C Max. operating temperature (static) -40 °C Operating temperature (static) -40 °C Max. operating temperature (static) -5 °C Operating temperature (static) 80 °C Flame resistance UL 1581 § 1100 FT2 IEC 60332-2.2 UL 1581 § 1090 Chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Gasoline resistance Good, application-related testing Bending radius (installation) x Outer diameter Bending radius (installation) x Outer diameter Bending radius (kineal) 10 x Outer diameter Travel speed (C track) 5 Mio. @ 25 °C Conection type 2 14 <t< td=""><td>Max. rated voltage (conductor - conductor)</td><td>300 V</td></t<>	Max. rated voltage (conductor - conductor)	300 V
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Qurrent load capacity min. Wire (Data)12 AElectrical resistance line constant wire $57 \Omega km @ 20 ° C$ Electrical resistance coating wire (Data) $26 \Omega km @ 20 ° C$ AC withstand voltage (wire - irre) $2 kV @ 60 s$ Power frequency withstand voltage (wire - jacket) $40 ° C$ Max. operating temperature (static) $40 ° C$ Gerating temperature min. (dynamic) $5 ° C$ Operating temperature max. (dynamic) $80 ° C$ Flame resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testing DIN EN 60811-404Bending radius (Installation)x Outer diameterTravel speed (C-track)5 Mio. @ 25 ° CConnection type 2Family construction formfree cable endNo. of poles14Family construction formMaGenderfemaleColor contat carrierblackCodingANo. of poles4PiN 1+PiN 2S2PiN 3-	Current load capacity (standard)	to DIN VDE 0298-4
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AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - jacket) 2 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C Operating temperature max. (dynamic) -5 °C Operating temperature max. (dynamic) 80 °C Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 chemical 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 (installation) x Outer diameter Bending radius (installation) 5 Mio. @ 25 °C Connection type 2 Family construction form Family construction form free cable end No. of poles 14 Family construction form M8 Gender female Color contact carrier black Coding A No. of poles 4 PIN 1 + PIN 2 S 2	Electrical resistance line constant wire	57 Ω/km @ 20 °C
Power frequency withstand voltage (wire - jacket) 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 Imme resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good, application-related testing Dil resistance Good, application-related testing Bending radius (installation) x Outer diameter Bending radius (dynamic) 10 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 5 Mio. @ 25 °C Connection type 2 Family construction form Family construction form M8 Gender female Color contact carrier black Coding A No. of poles 4 PIN 1 +	Electrical resistance coating wire (Data)	26 Ω/km @ 20 °C
jacket)Z N @ 00 SMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)80 °CFlame resistanceUL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOir resistanceGood, application-related testingDi resistanceGood, application-related testingDi resistanceGood, application-related testingBending radius (installation)x Outer diameterBending radius (fixed)7,5 x Outer diameterBending radius (fixed)7,5 x Outer diameterTravel speed (C-track)5 Mio. @ 25 °CConcetion type 2Family construction formfree cable endNo. of poles14Family construction formM8GenderfemaleColor contact carrierblackCodingANo. of poles4PiN 1+PiN 2S 2PiN 3-	AC withstand voltage (wire - wire)	2 kV @ 60 s
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Flame resistanceUL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testing DIN EN 60811-404Bending radius (installation)x Outer diameterBending radius (fixed)7.5 x Outer diameterBending radius (ginamic)10 x Outer diameterTravel speed (C-track)5 Mio. @ 25 °CConnection type 2Family construction formfree cable endNo. of poles14Family 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)7.5 x Outer diameterBending radius (dynamic)10 x Outer diameterBending radius (dynamic)10 x Outer diameterTravel speed (C-track)5 Mio. @ 25 °CConnection type 2Family construction formfree cable endNo. of poles14Family 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)7,5 x Outer diameterBending radius (dynamic)10 x Outer diameterTravel speed (C-track)5 Mio. @ 25 °CConnection type 2Family construction formfree cable endNo. of poles14Family construction formM8GenderfemaleColor contact carrierblackCodingANo. of poles4PIN 1+PIN 2S 2PIN 3-	Gasoline resistance	Good, application-related testing
Bending radius (fixed)7,5 x Outer diameterBending radius (dynamic)10 x Outer diameterTravel speed (C-track)5 Mio. @ 25 °CConnection type 2Family construction formfree cable endNo. of poles14Family 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 diameterTravel speed (C-track)5 Mio. @ 25 °CConnection type 2Family construction formfree cable endNo. of poles14Family construction formM8GenderfemaleColor contact carrierblackCodingANo. of poles4PIN 1+PIN 2S 2PIN 3-	Bending radius (installation)	x Outer diameter
Travel speed (C-track)5 Mio. @ 25 °CConnection type 2Family construction formfree cable endNo. of poles14Family construction formM8GenderfemaleColor contact carrierblackCodingANo. of poles4PIN 1+PIN 2S 2PIN 3-	Bending radius (fixed)	7,5 x Outer diameter
Connection type 2Family construction formfree cable endNo. of poles14Family construction formM8GenderfemaleColor contact carrierblackCodingANo. of poles4PIN 1+PIN 2S 2PIN 3-	Bending radius (dynamic)	10 x Outer diameter
Family construction formfree cable endNo. of poles14Family construction formM8GenderfemaleColor contact carrierblackCodingANo. of poles4PIN 1+PIN 2S 2PIN 3-	Travel speed (C-track)	5 Mio. @ 25 °C
No. of poles14Family 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	14
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 \$ 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	S1

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-08

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