

## **DESINA HYBRID FIELD BUS CABLE**

Cu-Cu-cable 2x0.34+4x1,5 violet 35m

**DESINA® ECOFAST®** Male straight - female straight 6-pole, CU shielded

Further cable lengths on request.

Han-Brid ® a registered trademark of HARTING KGaA.

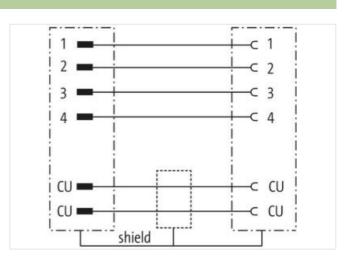
Plastic housings with good resistance against chemicals and oils.

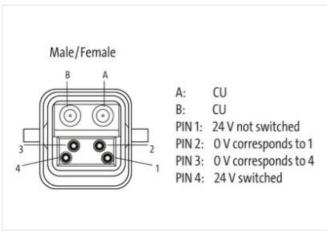
The resistance to aggressive media should be individually tested for your application. Further details on request.

## **Link to Product**

## Illustration







Product may differ from Image

Cable length	35 m	
Side 1		
Mounting method	inserted	
Material	PC	
Degree of protection (EN IEC 60529)	IP65	
Commercial data		



stay connected

ECLASS-6.0	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879492911
Packaging unit	1
Electrical data   Supply	
	24 V
Operating voltage AC max.  Operating voltage DC max.	24 V
Current operating per contact max.	10 A
	10 A
Device protection   Electrical	
Additional condition protection degree	inserted, screwed
Mechanical data   Material data	
Material screw connection	PC
Mechanical data   Mounting data	
Looking techniques	Clip locking
Environmental characteristics   Climatic	
	-25 °C
Operating temperature min.  Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
	depending on cable quality
Important installation notes	
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Note on strain relief  Note on bending radius	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
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Note on bending radius  Installation   Cable	<b>Attention:</b> Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Note on bending radius  Installation   Cable  Cable identification	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  964
Note on bending radius  Installation   Cable  Cable identification  Jacket Color	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  964 violet
Note on bending radius  Installation   Cable  Cable identification  Jacket Color  wire arrangement	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  964  violet  (black 1, black 2, black 3, black 4), (red, green)
Note on bending radius  Installation   Cable  Cable identification  Jacket Color  wire arrangement  Material jacket	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  964  violet (black 1, black 2, black 3, black 4), (red, green)  PUR
Note on bending radius  Installation   Cable  Cable identification  Jacket Color  wire arrangement  Material jacket  Outer-diameter (jacket)	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  964  violet (black 1, black 2, black 3, black 4), (red, green)  PUR  10 mm
Note on bending radius  Installation   Cable  Cable identification  Jacket Color wire arrangement  Material jacket  Outer-diameter (jacket)  Tolerance outer diameter (sheath)	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  964  violet (black 1, black 2, black 3, black 4), (red, green)  PUR  10 mm  ± 5 %
Note on bending radius  Installation   Cable  Cable identification  Jacket Color  wire arrangement  Material jacket  Outer-diameter (jacket)  Tolerance outer diameter (sheath)  Material inner jacket	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  964  violet  (black 1, black 2, black 3, black 4), (red, green)  PUR  10 mm  ± 5 %  PVC
Note on bending radius  Installation   Cable  Cable identification  Jacket Color wire arrangement  Material jacket  Outer-diameter (jacket)  Tolerance outer diameter (sheath)  Material inner jacket  Material wire insulation	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  964  violet (black 1, black 2, black 3, black 4), (red, green)  PUR  10 mm  ± 5 %  PVC  PVC
Installation   Cable Cable identification Jacket Color wire arrangement Material jacket Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket Material wire insulation Amount wires Conductor crosssection (wire) Material wire insulation (Data)	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  964  violet (black 1, black 2, black 3, black 4), (red, green)  PUR  10 mm  ± 5 %  PVC  PVC  4  1,5 mm²  PVC
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Installation   Cable Cable identification Jacket Color wire arrangement Material jacket Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket Material wire insulation Amount wires Conductor crosssection (wire) Material wire insulation (Data) Amount wires (Data) Conductor crosssection wire (Data)	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  964  violet (black 1, black 2, black 3, black 4), (red, green)  PUR  10 mm  ± 5 %  PVC  PVC  4  1,5 mm²  PVC  2  0,34 mm²
Installation   Cable Cable identification Jacket Color wire arrangement Material jacket Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket Material wire insulation Amount wires Conductor crosssection (wire) Material wire insulation (Data) Amount wires (Data) Conductor crosssection wire (Data) Min. operating temperature (static)	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  964  violet (black 1, black 2, black 3, black 4), (red, green)  PUR  10 mm  ± 5 %  PVC  PVC  PVC  4  1,5 mm²  PVC  2  0,34 mm²  -30 °C
Installation   Cable Cable identification Jacket Color wire arrangement Material jacket Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket Material wire insulation Amount wires Conductor crosssection (wire) Material wire insulation (Data) Amount wires (Data) Conductor crosssection wire (Data) Min. operating temperature (static) Max. operating temperature (fixed)	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  964  violet  (black 1, black 2, black 3, black 4), (red, green)  PUR  10 mm  ± 5 %  PVC  PVC  4  1,5 mm²  PVC  2  0,34 mm²  -30 °C  70 °C
Installation   Cable Cable identification Jacket Color wire arrangement Material jacket Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket Material wire insulation Amount wires Conductor crosssection (wire) Material wire insulation (Data) Amount wires (Data) Conductor crosssection wire (Data) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic)	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  964  violet  (black 1, black 2, black 3, black 4), (red, green)  PUR  10 mm  ± 5 %  PVC  PVC  PVC  2  0,34 mm²  -30 °C  70 °C  -40 °C
Installation   Cable Cable identification Jacket Color wire arrangement Material jacket Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket Material wire insulation Amount wires Conductor crosssection (wire) Material wire insulation (Data) Amount wires (Data) Conductor crosssection wire (Data) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic)	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  964  violet (black 1, black 2, black 3, black 4), (red, green)  PUR  10 mm  ± 5 %  PVC  PVC  PVC  2  0,34 mm²  -30 °C  70 °C  -40 °C  60 °C
Installation   Cable Cable identification Jacket Color wire arrangement Material jacket Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket Material wire insulation Amount wires Conductor crosssection (wire) Material wire insulation (Data) Amount wires (Data) Conductor crosssection wire (Data) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Flame resistance	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  964  violet (black 1, black 2, black 3, black 4), (red, green)  PUR  10 mm  ± 5 %  PVC  PVC  PVC  2  0,34 mm²  PVC  2  -30 °C  -40 °C  60 °C  IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090
Installation   Cable Cable identification Jacket Color wire arrangement Material jacket Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket Material wire insulation Amount wires Conductor crosssection (wire) Material wire insulation (Data) Amount wires (Data) Conductor crosssection wire (Data) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  964 violet (black 1, black 2, black 3, black 4), (red, green) PUR 10 mm ± 5 % PVC PVC 4 1,5 mm² PVC 2 0,34 mm² -30 °C 70 °C -40 °C 60 °C IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090 Good, application-related testing
Installation   Cable Cable identification Jacket Color wire arrangement Material jacket Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket Material wire insulation Amount wires Conductor crosssection (wire) Material wire insulation (Data) Amount wires (Data) Conductor crosssection wire (Data) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Flame resistance chemical resistance Gasoline resistance	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  964 violet (black 1, black 2, black 3, black 4), (red, green) PUR 10 mm ± 5 % PVC PVC 4 1,5 mm² PVC 2 0,34 mm² -30 °C 70 °C -40 °C 60 °C IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090 Good, application-related testing Good, application-related testing Good, application-related testing
Installation   Cable Cable identification Jacket Color wire arrangement Material jacket Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket Material wire insulation Amount wires Conductor crosssection (wire) Material wire insulation (Data) Amount wires (Data) Conductor crosssection wire (Data) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  964 violet (black 1, black 2, black 3, black 4), (red, green) PUR 10 mm ± 5 % PVC PVC 4 1,5 mm² PVC 2 0,34 mm² -30 °C 70 °C -40 °C 60 °C IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090 Good, application-related testing