

2926645

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Assembled shielded round cable; connection 1: Single wires (50-position) (The wires are marked and fitted with ferrules. The braided shield is routed to a separate cable end.); connection 2: D-SUB pin strip (1x 50-position); cable length: 0.5 m

Your advantages

- Individual wire marking: 1, 2, 3, 4, etc.
- · Individual wires fitted with ferrules
- · Connector in accordance with IEC 60807-2/DIN 41652
- 1:1 connection
- · Open end at one end
- · D-SUB socket or pin strip at one end
- Screw connection: 2 UNC 4-40 screws
- Shield connection: H05V-K 1 mm² cable, black, length: 0.5 m

Commercial data

Item number	2926645
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	C421
Product key	CK2135
Catalog page	Page 577 (C-5-2019)
GTIN	4046356547079
Weight per piece (including packing)	183.5 g
Weight per piece (excluding packing)	178.5 g
Customs tariff number	85444290
Country of origin	DE



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Technical data

Product properties

Product type	System cable
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Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Degree of protection (Installation location)	≥ IP54 (Installation location)
Ambient temperature (operation)	-40 °C 70 °C (fixed installation)
	-10 °C 70 °C (flexible installation)
Ambient temperature (storage/transport)	-40 °C 80 °C
Altitude	≤ 2000 m

Electrical properties

Operating voltage (AC)	≤ 30 V AC
Operating voltage (DC)	≤ 60 V DC
Nominal operating mode	100% operating factor
Current (Per path)	≤ 2 A (Uncoiled, see derating)

Cable/line

Cable length	0.5 m
50X0.25 [PVC]	
Number of positions	50
Shielded	yes
Cable type	50X0.25 [PVC]
Conductor type	Assembled shielded round cable
Conductor structure signal line	14x 0.15 mm
AWG signal line	24
Conductor cross section	50x 0.25 mm²
Wire diameter incl. insulation	1.2 mm ±0.05 mm
External cable diameter	12.40 mm ±0.5 mm
Outer sheath, material	Semi-rigid PVC
External sheath, color	gray
Conductor material	Bare Cu litz wires
Cable resistance	≤ 80 Ω/km (at 20 °C)
Insulation resistance	≥ 20 MΩ*km (at 20 °C)
Smallest bending radius, fixed installation	106 mm
Smallest bending radius, movable installation	200 mm
Max. bending cycles	(at a radius of ≥ 15x outside diameter)
Halogen-free	no

IEC 60332-1-2 (raw cable)



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IEC 60332-3-22 (raw cable) UL VVI-1 CSA FT-1 Resistance to oil can withstand occasional splashes (raw cable) D-SUBSO (1) 0 = white D-SUBSO (2) 0 = brown D-SUBSO (3) 0 = green D-SUBSO (6) 0 = gray D-SUBSO (6) 0 = prink D-SUBSO (7) 0 = blue D-SUBSO (7) 0 = blue D-SUBSO (8) 0 = red D-SUBSO (9) 0 = blue D-SUBSO (10) 0 = violet D-SUBSO (10) 0 = violet D-SUBSO (10) 0 = violet D-SUBSO (10) 0 = white-green D-SUBSO (11) 0 = gray-pink D-SUBSO (12) 0 = red blue D-SUBSO (13) 0 = white-green D-SUBSO (14) 0 = white-green D-SUBSO (15) 0 = white-green D-SUBSO (16) 0 = white-green D-SUBSO (17) 0 = white-green D-SUBSO (17) 0 = white-gray D-SUBSO (18) 0 = gray-brown D-SUBSO (19) 0 = white-blue D-SUBSO (22) 0 = white-blue D-SUBSO (23) 0 = gray-brown D-SUBSO (23) 0 = white-blue D-SUBSO (23) 0 = white-blue D-SUBSO (25) 0 = brown-blue D-SUBSO (26) 0 = brown-blue D-SUBSO (27) 0 = gray-green D-SUBSO (29) 0 = pink-brown D-SUBSO (23) 0 = pink-brown D-SUBSO (24) 0 = pink-brown D-SUBSO (2	Flame resistance	VDE 0842, Part 332-1-2 (raw cable)
CSA FT-1 Resistance to oil Can withstand occasional splashes (raw cable) D-SUBSO (2) 0 + brown D-SUBSO (3) 0 = green D-SUBSO (4) 0 yellow D-SUBSO (5) 0 pink D-SUBSO (6) 0 pink D-SUBSO (7) 0 blue D-SUBSO (8) 0 red D-SUBSO (9) 0 volet D-SUBSO (9) 0 volet D-SUBSO (10) 0 yellow D-SUBSO (10) 0 yellow D-SUBSO (11) 0 yellow D-SUBSO (12) 0 red-blue D-SUBSO (13) 0 white-green D-SUBSO (14) 0 brown-green D-SUBSO (15) 0 yellow-brown D-SUBSO (16) 0 yellow-brown D-SUBSO (17) 0 white-pink D-SUBSO (18) 0 gray-brown D-SUBSO (19) 0 pink-brown D-SUBSO (21) 0 white-blue D-SUBSO (22) 0 white-blue D-SUBSO (23) 0 white-blue D-SUBSO (24) 0 brown-bue D-SUBSO (25) 0 yellow-green D-SUBSO (26) 0 yellow-green D-SUBSO (27) 0 pink-brown D-SUBSO (28) 0 white-blue D-SUBSO (29) 0 pink-brown D-SUBSO (30) 0 pink-brown D-SUBSO (31) 0 pink-brown D-SUBSO (33) 0 pink-brown D-SUBSO (37) 0 pink-brown D-SUBSO (38) 0 pink-brown		IEC 60332-3-22 (raw cable)
Can withstand occasional splashes (raw cable)		UL VW-1
D-SUBSO (1) D-SUBSO (2) O = brown D-SUBSO (3) O = green D-SUBSO (4) O = yellow D-SUBSO (5) O = pink D-SUBSO (6) O = pink D-SUBSO (7) O = blue D-SUBSO (8) O = ed D-SUBSO (9) O = black D-SUBSO (10) D-SUBSO (10) D-SUBSO (11) D-SUBSO (11) D-SUBSO (12) D-SUBSO (12) D-SUBSO (13) O = white-green D-SUBSO (14) D-SUBSO (15) D-SUBSO (16) D-SUBSO (17) D-SUBSO (18) D-SUBSO (19) D-SUBSO (19) D-SUBSO (10) D-SUBSO (20) D-SUBSO (20) D-SUBSO (20) D-SUBSO (21) D-SUBSO (22) D-SUBSO (23) D-SUBSO (24) D-SUBSO (25) D-SUBSO (26) D-SUBSO (27) D-SUBSO (29) D-SUBSO (29) D-SUBSO (29) D-SUBSO (29) D-SUBSO (30) D-SUBSO (30) D-SUBSO (31) D-SUBSO (32) D-SUBSO (33) D-SUBSO (33) D-SUBSO (34) D-SUBSO (35) D-SUBSO (36) D-SUBSO (37) D-SUBSO (38) D-SUBSO (37) D-SUBSO (38) D-SUBSO (37) D-SUBSO (37) D-SUBSO (37) D-SUBSO (37) D-SUBSO (37) D-SUBSO (38) D-SUBSO (37) D-SUBSO (38) D-SUBSO (37) D-SUBSO (37) D-SUBSO (38) D-SUBSO (37) D-SUBSO (38) D-SUBSO (37) D-SUBSO (37) D-SUBSO (38) D-SUBSO (38) D-SUBSO (38) D-SUBSO (38) D-SUBSO (39) D		CSA FT-1
D-SUBSO (2)	Resistance to oil	can withstand occasional splashes (raw cable)
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D-SUB50 (28) () = yellow-gray () = pink-green () = yellow-pink () = yellow-pink () = green-blue () = yellow-blue () = yellow-blue () = green-red () = green-red () = green-black () =	D-SUB50 (26)	() = brown-black
D-SUB50 (29) () = pink-green D-SUB50 (30) () = yellow-pink D-SUB50 (31) () = green-blue D-SUB50 (32) () = yellow-blue D-SUB50 (33) () = green-red D-SUB50 (34) () = yellow-red D-SUB50 (35) () = green-black D-SUB50 (36) () = yellow-black D-SUB50 (37) () = gray-blue D-SUB50 (38) () = pink-blue	D-SUB50 (27)	() = gray-green
D-SUB50 (30) () = yellow-pink D-SUB50 (31) () = green-blue D-SUB50 (32) () = yellow-blue D-SUB50 (33) () = green-red D-SUB50 (34) () = yellow-red D-SUB50 (35) () = green-black D-SUB50 (36) () = yellow-black D-SUB50 (37) () = gray-blue D-SUB50 (38) () = pink-blue	D-SUB50 (28)	() = yellow-gray
D-SUB50 (31) () = green-blue D-SUB50 (32) () = yellow-blue D-SUB50 (33) () = green-red D-SUB50 (34) () = yellow-red D-SUB50 (35) () = green-black D-SUB50 (36) () = yellow-black D-SUB50 (37) () = gray-blue D-SUB50 (38) () = pink-blue	D-SUB50 (29)	() = pink-green
D-SUB50 (32) () = yellow-blue D-SUB50 (33) () = green-red D-SUB50 (34) () = yellow-red D-SUB50 (35) () = green-black D-SUB50 (36) () = yellow-black D-SUB50 (37) () = gray-blue D-SUB50 (38) () = pink-blue	D-SUB50 (30)	() = yellow-pink
D-SUB50 (33) () = green-red D-SUB50 (34) () = yellow-red D-SUB50 (35) () = green-black D-SUB50 (36) () = yellow-black D-SUB50 (37) () = gray-blue D-SUB50 (38) () = pink-blue	D-SUB50 (31)	() = green-blue
D-SUB50 (34) () = yellow-red D-SUB50 (35) () = green-black D-SUB50 (36) () = yellow-black D-SUB50 (37) () = gray-blue D-SUB50 (38) () = pink-blue	D-SUB50 (32)	() = yellow-blue
D-SUB50 (35) () = green-black D-SUB50 (36) () = yellow-black D-SUB50 (37) () = gray-blue D-SUB50 (38) () = pink-blue	D-SUB50 (33)	() = green-red
D-SUB50 (36) () = yellow-black D-SUB50 (37) () = gray-blue D-SUB50 (38) () = pink-blue	D-SUB50 (34)	() = yellow-red
D-SUB50 (37) () = gray-blue D-SUB50 (38) () = pink-blue	D-SUB50 (35)	() = green-black
D-SUB50 (38) () = pink-blue	D-SUB50 (36)	() = yellow-black
D-SUB50 (38) () = pink-blue		
บ->บเรอบ (งษ) () = gray-red	D-SUB50 (39)	() = gray-red



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D-SUB50 (40)	() = pink-red
D-SUB50 (41)	() = gray-black
D-SUB50 (42)	() = pink-black
D-SUB50 (43)	() = blue-black
D-SUB50 (44)	() = red-black
D-SUB50 (45)	() = white-brown
D-SUB50 (46)	() = yellow-green
D-SUB50 (47)	() = gray-pink
D-SUB50 (48)	() = blue-red
D-SUB50 (49)	() = white-green
D-SUB50 (50)	() = green-brown

Connection data

Connection 1

Connection method	Single wires
Stripping length (Sheath)	≈ ` ⊕ \ mm
Number of positions	50
Note	The wires are marked and fitted with ferrules. The braided shield is routed to a separate cable end.

Connection 2

Connection in acc. with standard IEC 60807-2 DIN 41652 Connection method D-SUB pin strip	
Connection method D-SUB pin strip	
Screw thread UNC 4-40	
Number of connections 1	
Number of positions 50	
Tightening torque 0.2 Nm	
Insertion/withdrawal cycles > 200	
Pitch 2.77 mm	

Notes

Notes on operation	For proper use, the specifications of the installation directive (see Downloads) must be observed. For applications or use with third-party products, the specifications, and the safety and warning instructions of the respective third-party manufacturer must also be met.
	be met.

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