

CDC cable request form

 Quotation Order

Date: _____

to

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TKD-Online forms can be found on our website
www.tkd-kabel.de „custom cable solutions“

Customer information:

Company: _____
 Department: _____
 Street, no.: _____
 Postcode + city: _____
 Country: _____
 Contact person: _____
 Phone: _____
 Fax: _____
 E-Mail: _____

Project

Project designation: _____ Project implementation _____ week/year

Environmental conditions of the cable drag chain application – required for the choice of cable types

Bending radius: _____ mm Oil-resistant
 Travel distance: _____ mm UV resistant/outdoor application
 minimum temperature: _____ °C UL/CSA authorisation requested (operation in the US/Canada) *
 maximum temperature: _____ °C * low stock, low options, long delivery times and minimum order quantity applicable
 Speed of travel: _____ m/s² corresponding drawing / data for wire connection attached
 Other: _____ customisation: see TKD wire connection form

CDC assignment

Pos. No.	Cables/conduits Description, number of wires, cross section, reference type, item no. etc.	External ø in mm	Shielding requested?	Customisation requested? ** (separate form)	Totallength in m	Overlap at fixed point in m	Overlap at moving point in m
			<input type="checkbox"/> yes	<input type="checkbox"/> yes			
			<input type="checkbox"/> yes	<input type="checkbox"/> yes			
			<input type="checkbox"/> yes	<input type="checkbox"/> yes			
			<input type="checkbox"/> yes	<input type="checkbox"/> yes			
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			<input type="checkbox"/> yes	<input type="checkbox"/> yes			
			<input type="checkbox"/> yes	<input type="checkbox"/> yes			
			<input type="checkbox"/> yes	<input type="checkbox"/> yes			
			<input type="checkbox"/> yes	<input type="checkbox"/> yes			

** Cables without customisation are cut to total length only per cable one wire connection form is to be attached.

Cables with green-yellow protective conductor (PE) are standard (exception: bus and data cables up to 0.75 mm²).
 Cables with PE are often also marked with G, e.g. 3G1.5 means two normal conductors and 1 PE with a cross section of 1.5 mm² each.
 Please identify cables without protective/ground conductor (PE)!

Cable customisation form

Enclosure to CDC cable request form

Project

Project designation: _____

Position within CDC cable request form no.:

Cable reference type _____
 Conduit construction/design _____
 Contact person _____

Features:

- No shielding
 Shielded (see below: Shield processing)
 Cable without protective conductor PE

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Cables with PE are often also marked with G, e.g. 3G1.5 means two normal conductors and 1 PE with a cross section of 1.5 mm² each.

Customisation of cable endings

FP aspect (fixed point connection)

- Ending not processed – cable cut to total length only
 alternatively
- Ending with connector
 Item no. of connector: _____
 Description, supplier: _____
- Connections (quantity of contacts): Male connector
 Female connector
 Item no. of contact: _____
- Housing for connector: _____
 Item no. / design: _____
- Cable outlet on housing: straight sideways
 Cable compression gland (type): _____
- Wiring specifications:
 Pin assignment: see enclosed plan or chart

- alternatively
- End processed (without housing)
 Bared cable length (jacket free): _____
 Wire end ferrule: _____
 Contacts: _____
 Ring-type cable lugs: _____
 (Type, supplier, item no., size, which wire?)
- Shield processing
 Entire shield if necessary pair(s) of wire(s)
 cut: _____
 on housing: _____
 shield connected to pin No.: _____
 extended with wire/length (mm): _____
 shield bent back on jacket: _____
- Labelling Short text
 label cable jacket (sticker, ESL): _____
 label single wire(s) (e.g. KDE): _____
 Distance from
 jacket/cable end: (mm): _____

Additional text for labelling: see attached circuit diagram:

MP aspect (moving point connection)

- Ending not processed – cable cut to total length only
 alternatively
- Ending with connector
 Item no. of connector: _____
 Description, supplier: _____
- Connections (quantity of contacts): Male connector
 Female connector
 Item no. of contact: _____
- Housing for connector: _____
 Item no. / design: _____
- Cable outlet on housing: straight sideways
 Cable compression gland (type): _____
- Standard wiring as extension cord (Pin 1 to 1, 2 to 2 etc.)
 When used as an extension the connectors are wired from pin 1.
 If there are not enough wires, the high contact pins will be unconnected.

- alternatively
- End processed (without housing)
 Bared cable length (jacket free): _____
 Wire end ferrule: _____
 Contacts: _____
 Ring-type cable lugs: _____
 (Type, supplier, item no., size, which wire?)
- Shield processing
 Entire shield if necessary pair(s) of wire(s)
 cut: _____
 on housing: _____
 shield connected to pin No.: _____
 extended with wire/length (mm): _____
 shield bent back on jacket: _____
- Labelling Short text
 label cable jacket (sticker, ESL): _____
 label single wire(s) (e.g. KDE): _____
 Distance from
 jacket/cable end: (mm): _____

Additional text for labelling: see attached circuit diagram:

Notes (attachments etc.): _____