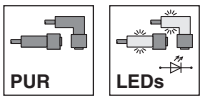


Connection cable PUR

K-D ...-PUR

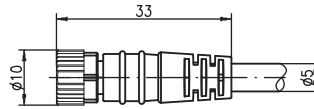
en 09-2014/08 50112967



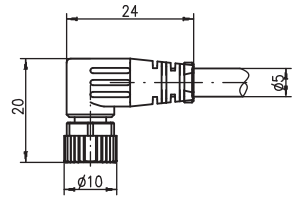
- Very good resistance against oil, cooling agents, and lubricants
- Suitable for drag chains
- High mechanical robustness
- Resistance against hydrolysis and UV light
- Free of halogen, silicone, and PVC
- Self-locking screw top
- Knurl with integrated spanner flat
- Injection-moulded display LEDs
- Flame-retardant according to VDE 0472

Dimensioned drawing

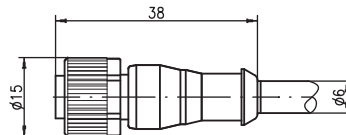
M8 cable
axial socket, 3/4-pin
K-D M8A-...-PUR



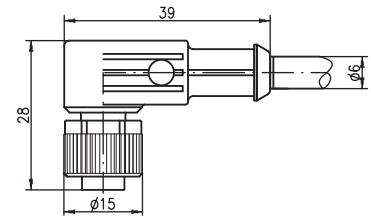
M8 cable
angular socket, 3/4-pin
K-D M8W-...-PUR



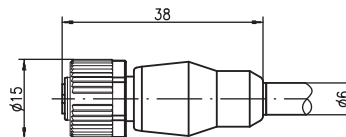
M12 cable
axial socket, 4/5-pin
K-D M12A-...-PUR



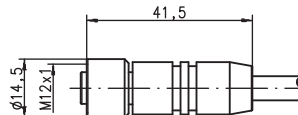
M12 cable
angular socket, 4/5-pin
K-D M12W-...-DP-PUR (LEDs)



M12 cable
axial socket, 4-pin
K-D M12A-...-DP-PUR (LEDs)

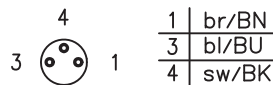


M12 cable
axial socket, 8-pin
K-D M12A-...-PUR

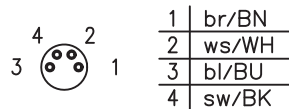


Contact arrangement / color code

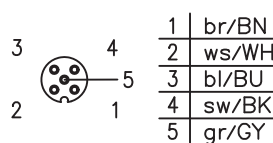
M8, 3-pin



M8, 4-pin



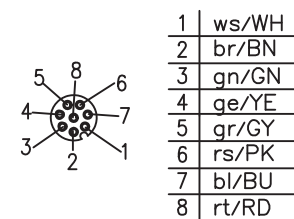
M12, 5-pin



M12, 4-pin



M12, 8-pin



We reserve the right to make changes • DS_Accessory/KB_PUR_en_50112967.fm



1) see Order guide

Specifications

Electrical data	M8 cable	M12 cable
Operating voltage	≤ 60VAC/DC	4-pin: ≤ 250VAC/DC 5-pin: ≤ 125VAC/DC 8-pin: ≤ 36VAC/DC
Operating current	≤ 4A per contact	≤ 4A per contact
Insulation grade	category I acc. to IEC 60664-1	category I acc. to IEC 60664-1
Mechanical data		
Cable	integral, PUR, black	integral, PUR, black
Handle body	black, TPU	black, TPU
Lock	screw fitting, diecast zinc nickel-plated (8-pin: brass nickel-plated), recommended torque 0.6Nm, self-locking	8-pin: orange, TPU
Conductor cross-section	0.25 mm ²	0.34 mm ² , 8-pin: 0.25 mm ²
Sheath diameter	3.9 ... 4.6mm	4.5 ... 6.6mm
Drag chain data		
Bending radius	≥ 10 • sheath diameter	
Speed of movement	≤ 3.3m/s for a 5m horizontal movement distance and max 5m/s ²	
Number of bending cycles	> 2 • 10 ⁶	
Environmental data		
Operating temperature range	fixed wiring: -40°C ... +80°C flexible wiring: -25°C ... +80°C	

Order guide

Connection cable M8

Designation	Part No.	Design	Contacts	Cable length	Other features
K-D M8A-3P-2m-PUR	50110555	axial socket	3	2m	UL Listed
K-D M8W-3P-2m-PUR	50110557	angular socket	3	2m	UL Listed
K-D M8A-3P-5m-PUR	50106691	axial socket	3	5m	UL Listed
K-D M8W-3P-5m-PUR	50106692	angular socket	3	5m	UL Listed
K-D M8A-3P-10m-PUR	50106693	axial socket	3	10m	UL Listed
K-D M8W-3P-10m-PUR	50110558	angular socket	3	10m	UL Listed
K-D M8A-4P-2m-PUR	50104530	axial socket	4	2m	UL Listed
K-D M8W-4P-2m-PUR	50104531	angular socket	4	2m	UL Listed
K-D M8A-4P-5m-PUR	50104532	axial socket	4	5m	UL Listed
K-D M8W-4P-5m-PUR	50104761	angular socket	4	5m	UL Listed
K-D M8A-4P-10m-PUR	50104533	axial socket	4	10m	UL Listed
K-D M8W-4P-10m-PUR	50104534	angular socket	4	10m	UL Listed
K-D M8A-4P-20m-PUR	50117522	axial socket	4	20m	UL Listed
K-D M8W-4P-2m-DP-PUR	50104535	angular socket	4	2m	UL Listed, 2 LEDs (PNP)
K-D M8W-4P-5m-DP-PUR	50104536	angular socket	4	5m	UL Listed, 2 LEDs (PNP)

Connection cable M12

Designation	Part No.	Design	Contacts	Cable length	Other features
K-D M12A-4P-2m-PUR	50104561	axial socket	4	2m	UL Listed
K-D M12W-4P-2m-PUR	50104562	angular socket	4	2m	UL Listed
K-D M12A-4P-5m-PUR	50104563	axial socket	4	5m	UL Listed
K-D M12W-4P-5m-PUR	50104564	angular socket	4	5m	UL Listed
K-D M12A-4P-10m-PUR	50104565	axial socket	4	10m	UL Listed
K-D M12W-4P-10m-PUR	50104566	angular socket	4	10m	UL Listed
K-D M12A-4P-2m-DP-PUR	50104548	axial socket	4	2m	UL Listed, 2 LEDs (PNP)
K-D M12W-4P-2m-DP-PUR	50104549	angular socket	4	2m	UL Listed, 2 LEDs (PNP)
K-D M12A-4P-5m-DP-PUR	50104550	axial socket	4	5m	UL Listed, 2 LEDs (PNP)
K-D M12W-4P-5m-DP-PUR	50104551	angular socket	4	5m	UL Listed, 2 LEDs (PNP)
K-D M12A-4P-10m-DP-PUR	50104552	axial socket	4	10m	UL Listed, 2 LEDs (PNP)
K-D M12W-4P-10m-DP-PUR	50104553	angular socket	4	10m	UL Listed, 2 LEDs (PNP)
K-D M12A-5P-2m-PUR	50104567	axial socket	5	2m	UL Listed
K-D M12W-5P-2m-PUR	50104568	angular socket	5	2m	UL Listed
K-D M12A-5P-5m-PUR	50104569	axial socket	5	5m	UL Listed
K-D M12W-5P-5m-PUR	50104762	angular socket	5	5m	UL Listed
K-D M12A-8P-2m-PUR	50104591	axial socket	8	2m	shielded
K-D M12A-8P-5m-PUR	50104590	axial socket	8	5m	shielded
K-D M12A-8P-10m-PUR	50106882	axial socket	8	10m	shielded

Connection cable M12

Designation	Part No.	Design	Contacts	Cable length	Other features
K-DS M12A-M12A-5P-20m-S-PUR	50109372	axial socket/plug	5	20m	UL Listed, shielded

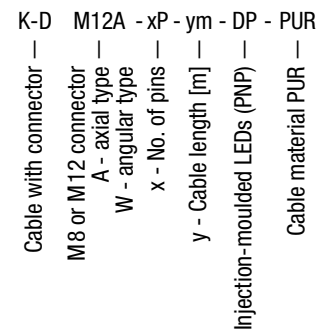
K-D ...-PUR - 09

Tables

Diagrams

Remarks

Part number code:



Circuit diagram LEDs:

