

Connection cable PVC

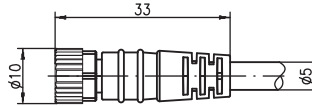
K-D ...-PVC

en 09-2014/08 50112966

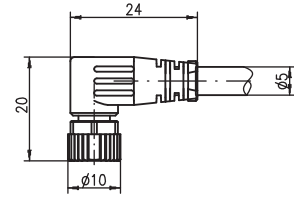


Dimensioned drawing

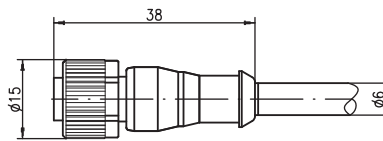
M8 cable
axial socket, 3/4-pin
K-D M8A-...-PVC



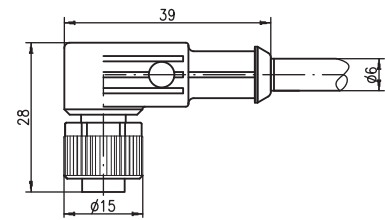
M8 cable
angular socket, 3/4-pin
K-D M8W-...-PVC



M12 cable
axial socket, 3/4/5-pin
K-D M12A-...-PVC



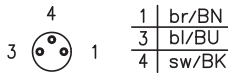
M12 cable
angular socket, 3/4/5-pin
K-D M12W-...-PVC



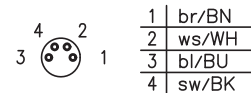
- Good resistance against chemicals
- Self-locking screw top
- Outer cover strips off easily
- Knurl with integrated spanner flat
- Silicone-free
- Cable for static use

Contact arrangement / color code

M8, 3-pin



M8, 4-pin



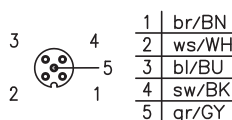
M12, 3-pin



M12, 4-pin



M12, 5-pin



We reserve the right to make changes • DS_Accessory/KB_PVC_en_50112966.fm



1) see **Order guide**

Specifications

Electrical data

Operating voltage

M8 cable
≤ 60VAC/DC

M12 cable

3/4-pin: ≤ 250VAC/DC

Operating current
Insulation grade

≤ 4A per contact
category I acc. to IEC 60664-1

5-pin: ≤ 125VAC/DC

≤ 4A per contact
category I acc. to IEC 60664-1

Mechanical data

Cable
Handle body
Lock

integral, PVC, black
black, TPU
screw fitting, diecast zinc nickel-plated, recommended torque
0.6Nm, self-locking

integral, PVC, black
black, TPU
screw fitting, diecast zinc nickel-plated, recommended torque
0.6Nm, self-locking

Conductor cross-section
Sheath diameter
Bending radius

0.25mm²
4.2 ... 4.9mm
≥ 10 • sheath diameter

0.34mm²
4.7 ... 5.7mm

Environmental data

Operating temperature range

fixed wiring: -30°C ... +70°C
flexible wiring: -5°C ... +70°C

Order guide

Connection cables M8

Designation	Part No.	Design	Contacts	Cable length	Other features
K-D M8A-3P-2m-PVC	50104520	Axial socket	3	2m	UL Listed
K-D M8W-3P-2m-PVC	50104521	Angular socket	3	2m	UL Listed
K-D M8A-3P-5m-PVC	50104522	Axial socket	3	5m	UL Listed
K-D M8W-3P-5m-PVC	50104523	Angular socket	3	5m	UL Listed
K-D M8A-3P-10m-PVC	50110556	Axial socket	3	10m	UL Listed
K-D M8W-3P-10m-PVC	50110559	Angular socket	3	10m	UL Listed
K-D M8A-4P-2m-PVC	50104524	Axial socket	4	2m	UL Listed
K-D M8W-4P-2m-PVC	50104525	Angular socket	4	2m	UL Listed
K-D M8A-4P-3m-PVC	50105052	Axial socket	4	3m	UL Listed
K-D M8A-4P-5m-PVC	50104526	Axial socket	4	5m	UL Listed
K-D M8W-4P-5m-PVC	50104527	Angular socket	4	5m	UL Listed
K-D M8A-4P-10m-PVC	50104528	Axial socket	4	10m	UL Listed
K-D M8W-4P-10m-PVC	50104529	Angular socket	4	10m	UL Listed
K-D M8A-4P-20m-PVC	50115424	Axial socket	4	20m	UL Listed

Connection cables M12

Designation	Part No.	Design	Contacts	Cable length	Other features
K-D M12A-3P-2m-PVC	50104538	Axial socket	3	2m	UL Listed
K-D M12W-3P-2m-PVC	50104539	Angular socket	3	2m	UL Listed
K-D M12A-3P-5m-PVC	50104540	Axial socket	3	5m	UL Listed
K-D M12W-3P-5m-PVC	50104541	Angular socket	3	5m	UL Listed
K-D M12A-4P-2m-PVC	50104542	Axial socket	4	2m	UL Listed
K-D M12W-4P-2m-PVC	50104543	Angular socket	4	2m	UL Listed
K-D M12A-4P-5m-PVC	50104544	Axial socket	4	5m	UL Listed
K-D M12W-4P-5m-PVC	50104545	Angular socket	4	5m	UL Listed
K-D M12A-4P-10m-PVC	50104546	Axial socket	4	10m	UL Listed
K-D M12W-4P-10m-PVC	50104547	Angular socket	4	10m	UL Listed
K-D M12A-4P-20m-PVC	50104753	Axial socket	4	20m	UL Listed
K-D M12W-4P-20m-PVC	50113473	Angular socket	4	20m	UL Listed
K-D M12A-5P-2m-PVC	50104555	Axial socket	5	2m	-
K-D M12W-5P-2m-PVC	50104556	Angular socket	5	2m	-
K-D M12A-5P-5m-PVC	50104557	Axial socket	5	5m	-
K-D M12W-5P-5m-PVC	50104558	Angular socket	5	5m	-
K-D M12A-5P-10m-PVC	50104559	Axial socket	5	10m	-
K-D M12W-5P-10m-PVC	50104560	Angular socket	5	10m	-

Connection cables M12

Designation	Part No.	Design	Contacts	Cable length	Other features
K-DS M12A-M12A-4P-2m-PVC	50110126	Socket/axial plug	4	2m	UL Listed
K-DS M12A-M12A-4P-5m-PVC	50110125	Socket/axial plug	4	5m	UL Listed
K-DS M12A-M12A-4P-10m-PVC	50113265	Socket/axial plug	4	10m	UL Listed
K-DS M12A-M12A-4P-20m-PVC	50111729	Socket/axial plug	4	20m	UL Listed

Adapter cables M8 to M12

Designation	Part No.	Design	Contacts	Cable length	Other features
K-DS M8A-M12A-4P-0.3m-PVC	50107276	M8 socket/M12 axial plug	4	0.3m	UL Listed
K-DS M12A-M8A-4P-0,3m-PVC	50116738	M12 socket/M8 axial plug	4	0,3m	UL Listed

K-D ...-PVC - 09

Tables

Remarks

Type code:

K-D	M12A	- xP	- ym	- PVC
—	—	—	—	—
K-D - connection cable with connector and plug	M8 or M12 connector	x - No. of pins	y - Cable length [m]	Cable material PVC
K-DS - connection cable with socket and plug	A - axial type W - angular type			