

**Connection cable PVC**

**K-D ...-PVC**

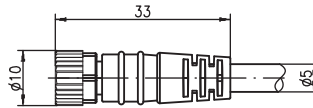
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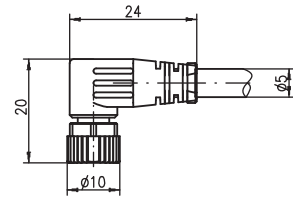
- Good resistance against chemicals
- Self-locking screw top
- Outer cover strips off easily
- Knurl with integrated spanner flat
- Silicone-free
- Cable for static use

**Dimensioned drawing**

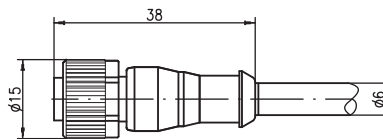
M8 cable  
axial socket, 3/4-pin  
**K-D M8A-...-PVC**



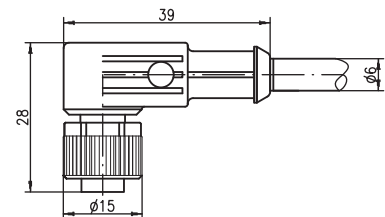
M8 cable  
angular socket, 3/4-pin  
**K-D M8W-...-PVC**



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

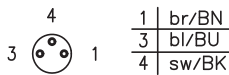


M12 cable  
angular socket, 3/4/5-pin  
**K-D M12W-...-PVC**

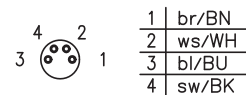


**Contact arrangement / color code**

**M8, 3-pin**



**M8, 4-pin**



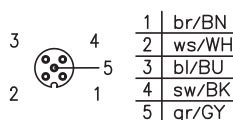
**M12, 3-pin**



**M12, 4-pin**



**M12, 5-pin**



We reserve the right to make changes • DS\_KB\_PVC\_en.fm



## Specifications

### Electrical data

Operating voltage

Operating current  
Insulation grade

### Mechanical data

Cable  
Handle body  
Lock

Conductor cross-section  
Sheath diameter  
Bending radius

### Environmental data

Operating temperature range

### M8 cable

≤ 60VAC/DC  
≤ 4A per contact  
category I acc. to IEC 60664-1

integral, PVC, black  
black, TPU  
screw fitting, diecast zinc nickel-plated, recommended torque 0.6Nm, self-locking  
0.25mm<sup>2</sup>  
4.2 ... 4.9mm  
≥ 10 • sheath diameter

### M12 cable

3/4-pin: ≤ 250VAC/DC  
5-pin: ≤ 125VAC/DC  
≤ 4A per contact  
category I acc. to IEC 60664-1

integral, PVC, black  
black, TPU  
screw fitting, diecast zinc nickel-plated, recommended torque 0.6Nm, self-locking  
0.34mm<sup>2</sup>  
4.7 ... 5.7mm

## Order guide

### Connection cables M8

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

### Connection cables M12

Designation	Part No.	Design	Contacts	Cable length
K-D M12A-3P-2m-PVC	50104538	Axial socket	3	2m
K-D M12W-3P-2m-PVC	50104539	Angular socket	3	2m
K-D M12A-3P-5m-PVC	50104540	Axial socket	3	5m
K-D M12W-3P-5m-PVC	50104541	Angular socket	3	5m
K-D M12A-4P-2m-PVC	50104542	Axial socket	4	2m
K-D M12W-4P-2m-PVC	50104543	Angular socket	4	2m
K-D M12A-4P-5m-PVC	50104544	Axial socket	4	5m
K-D M12W-4P-5m-PVC	50104545	Angular socket	4	5m
K-D M12A-4P-10m-PVC	50104546	Axial socket	4	10m
K-D M12W-4P-10m-PVC	50104547	Angular socket	4	10m
K-D M12A-4P-20m-PVC	50104753	Axial socket	4	20m
K-D M12W-4P-20m-PVC	50113473	Angular socket	4	20m
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
K-DS M12A-M12A-4P-2m-PVC	50110126	Socket/axial plug	4	2m
K-DS M12A-M12A-4P-5m-PVC	50110125	Socket/axial plug	4	5m
K-DS M12A-M12A-4P-10m-PVC	50113265	Socket/axial plug	4	10m
K-DS M12A-M12A-4P-20m-PVC	50111729	Socket/axial plug	4	20m

### Adapter cables M8 to M12

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

K-D ...-PVC - 08

## Tables

## Remarks

### Type code:

K-D	M12A	- xP	- ym	- PVC
—	—	—	—	—
K-D - connection cable with connector	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			