

Dimensioned drawing

en 07-2014/08 50112968



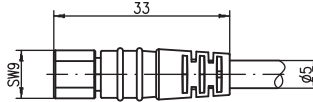
- Optimised for food industry applications
- Resistant to chemicals, acids, bases, and cleaning agents
- Hygienic design
- Protection classes IP 67 and IP 69K
- V4A screw fitting
- Silicone-free
- Self-locking screw top
- Outer cover strips off easily
- Cable for static use

We reserve the right to make changes • DS_AccessoryKB_FAB_en_50112968.fm

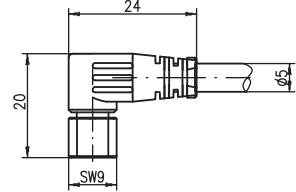


1) see **Order guide**

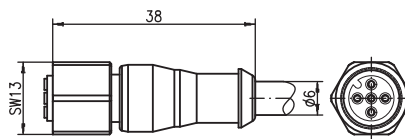
M8 cable
axial socket, 4-pin
K-D M8A-...-FAB



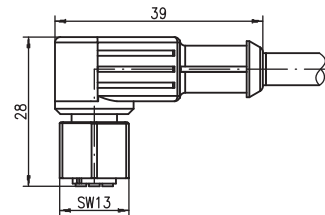
M8 cable
angular socket, 4-pin
K-D M8W-...-FAB



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

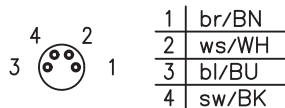


M12 cable
angular socket, 4/5-pin
K-D M12W-...-FAB



Contact arrangement / colour code

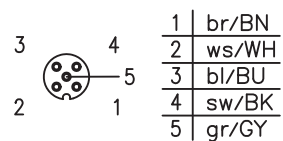
M8, 4-pin



M12, 4-pin



M12, 5-pin



Connection cable FOOD & BEVERAGE

Specifications

Electrical data

Operating voltage

M8 cable

4-pin: ≤ 60VAC/DC

M12 cable

4-pin: ≤ 250VAC/DC

Operating current

≤ 4A per contact

5-pin: ≤ 125VAC/DC

Insulation grade

category I acc. to IEC 60664-1

≤ 4A per contact

category I acc. to IEC 60664-1

Mechanical data

Cable

integral, PVC, black

integral, PVC, black

Handle body

black, TPU

black, TPU

Lock

screw fitting V4A nut, recommended torque 0.6Nm, self-locking

screw fitting V4A nut, recommended torque 0.6Nm, self-locking

Conductor cross-section

0.25mm²

0.34mm²

Sheath diameter

approx. 4.7mm

4.7 ... 5.7mm

Bending radius

≥ 10 • sheath diameter

≥ 10 • sheath diameter

Environmental data

Operating temperature range

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

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

Tables

Order guide

Connection cable M8

Designation	Part No.	Design	Contacts	Cable length	Other features
K-D M8A-4P-2m-FAB	50106152	Axial socket	4	2m	UL Listed
K-D M8W-4P-2m-FAB	50106154	Angular socket	4	2m	UL Listed
K-D M8A-4P-5m-FAB	50106153	Axial socket	4	5m	UL Listed
K-D M8W-4P-5m-FAB	50106155	Angular socket	4	5m	UL Listed
K-D M8A-4P-10m-FAB	50110274	Axial socket	4	10m	UL Listed
K-D M8W-4P-10m-FAB	50110273	Angular socket	4	10m	UL Listed

Connection cable M12

Designation	Part No.	Design	Contacts	Cable length	Other features
K-D M12A-4P-2m-FAB	50104570	Axial socket	4	2m	UL Listed
K-D M12W-4P-2m-FAB	50104571	Angular socket	4	2m	UL Listed
K-D M12A-4P-5m-FAB	50104572	Axial socket	4	5m	UL Listed
K-D M12W-4P-5m-FAB	50104573	Angular socket	4	5m	UL Listed
K-D M12A-4P-10m-FAB	50112960	Axial socket	4	10m	UL Listed
K-D M12W-4P-10m-FAB	50112961	Angular socket	4	10m	UL Listed
K-D M12A-5P-2m-FAB	50104574	Axial socket	5	2m	–
K-D M12W-5P-2m-FAB	50104575	Angular socket	5	2m	–
K-D M12A-5P-5m-FAB	50104576	Axial socket	5	5m	–
K-D M12W-5P-5m-FAB	50104577	Angular socket	5	5m	–

K-D ...-FAB - 07

Remarks

Type code:

K-D	M12A	-	xP	-	ym	-	FAB
Cable with connector	M8 or M12 connector	A - axial type	W - angular type	x - No. of pins	y - Cable length [m]		FOOD & BEVERAGE version