

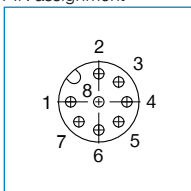
# PLUG-IN CONNECTOR STRAIGHT WITH CABLE

## KAG1000B8



Order no.	KAG1000B8
<b>Technical Data</b>	
Fixing thread	M12
Connection type	Socket
Version [Type]	Straight
No. of contacts	8
Rated voltage [V]	30
Current load (at 40°C) [A]	2
Insulation resistance	≥10 <sup>9</sup> Ω
Resistance	≤5mΩ
Contact material	Metal, CuZn, gold-plated
Contact-carrier material	Plastic, TPU, BK
Grip body material	Plastic, TPU, BK
Coupling nut material	Metal, CuZn, nickel-plated
Sealing material	FPM/FKM
Cable sheath material	PUR
Cable length [m]	10
Cable-Ø [mm]	4.7
Nr. of wires x diameter [mm <sup>2</sup> ]	8x0.34
Bend radius	10xØ
Temperature range (fixed) [°C]	-40 ... +90
Temperature range (drag chain) [°C]	-25 ... +60
Rated voltage cable [V]	≤300
Protection to IEC 60529	IP67
Cable end assembly	open cable end
<b>Special features</b>	
Flame retardant	Yes
Seawater resistant	Yes
Recyclable	Yes
LABS-compliant	Yes
RoHS compliant	Yes
Acid- and alkali resistant	Yes
Ozone resistant	Yes
UV resistant	Yes
Hydrolysis proof	Yes
Drag chain-adapted	Yes
Torsion resistant	Yes
Welding sparks resistant	Yes
Halogen-free	Yes
Silicone free	Yes
Oil resistant	Yes

PIN assignment



- |          |        |
|----------|--------|
| ① WHITE  | ⑤ GRAY |
| ② BROWN  | ⑥ PINK |
| ③ GREEN  | ⑦ BLUE |
| ④ YELLOW | ⑧ RED  |

