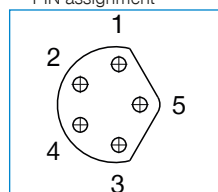


PLUG-IN CONNECTOR STRAIGHT WITH CABLE

KAG500B5

Order no.	KAG500B5
Technical Data	
Fixing thread	M8
Connection type	Female connector
Version	Straight
No. of contacts	5
Rated voltage [V]	30
Current load (at 40°C) [A]	3
Insulation resistance	≥10 ⁸ Ω
Resistance	≤5mΩ
Contact material	Metal, CuSn, 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]	5
Cable-Ø [mm]	4.7
Nr. of wires x diameter [mm ²]	5x0.25
Bend radius (fixed)	5xØ
Bend radius (repeated)	10xØ
Temperature range (repeated) [°C]	-30 ... +90
Temperature range (fixed) [°C]	-50 ... +90
Temperature range (drag chain) [°C]	-25 ... +60
Maintenance free (max.)	3 million cycles
Torsion	+/-180°/m, < 1 million cycles
Rated voltage cable [V]	≤300
Certifications	UL / CSA / LABS / REACH / RoHS
Protection to IEC 60529	IP67
Cable end assembly	open cable end
Special features	
Flame retardant	Yes
Seawater resistant	Yes
Recyclable	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 BROWN | ④ BLACK |
| ② WHITE | ⑤ GRAY |
| ③ BLUE | |

