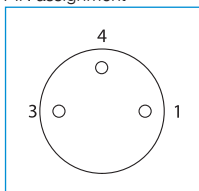


PLUG-IN CONNECTOR STRAGHT WITH CABLE **ZIMMER** group

KAG500

Order no.	KAG500
Technical Data	
Fixing thread	M8
Connection type	Female
Version [Type]	Straight
No. of contacts	3
Rated voltage [V]	60
Current load (at 40°C) [A]	4
Insulation resistance	≥10 ⁹ 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]	4.0
Nr. of wires x diameter [mm ²]	3x0.25
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
Special features	
Flame retardant	Yes
Seawater resistant	Yes
Recyclable	Yes
PWIS-free	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 BROWN ④ BLACK
⑦ BLUE

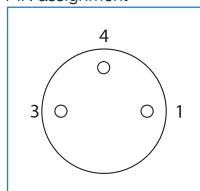


PLUG-IN CONNECTOR ANGLED WITH CABLE

KAW500

Order no.	KAW500
Technical Data	
Fixing thread	M8
Connection type	Female
Version [Type]	Angle
No. of contacts	3
Rated voltage [V]	60
Current load (at 40°C) [A]	4
Insulation resistance	≥10 ⁹ 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]	4.0
Nr. of wires x diameter [mm ²]	3x0.25
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
Special features	
Flame retardant	Yes
Seawater resistant	Yes
Recyclable	Yes
PWIS-free	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



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② BLUE

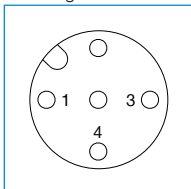


PLUG-IN CONNECTOR STRAGHT WITH CABLE **ZIMMER** group

KAG500-02

Order no.	KAG500-02
Technical Data	
Fixing thread	M12
Connection type	Female
Version [Type]	Straight
No. of contacts	3
Rated voltage [V]	250
Current load (at 40°C) [A]	4
Insulation resistance	≥10 ⁹ 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]	4.3
Nr. of wires x diameter [mm ²]	3x0.34
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
Special features	
Flame retardant	Yes
Seawater resistant	Yes
Recyclable	Yes
PWIS-free	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



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⑦ BLUE

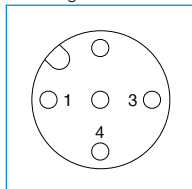


PLUG-IN CONNECTOR ANGLED WITH CABLE

KAW500-12

Order no.	KAW500-12
Technical Data	
Fixing thread	M12
Connection type	Female
Version [Type]	Angle
No. of contacts	3
Rated voltage [V]	250
Current load (at 40°C) [A]	4
Insulation resistance	≥10 ⁹ 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]	4.3
Nr. of wires x diameter [mm ²]	3x0.34
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
Special features	
Flame retardant	Yes
Seawater resistant	Yes
Recyclable	Yes
PWIS-free	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



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⑦ BLUE

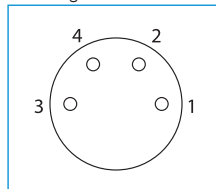


PLUG-IN CONNECTOR STRAGHT WITH CABLE **ZIMMER** group

KAG500B4

Order no.	KAG500B4
Technical Data	
Fixing thread	M8
Connection type	Female
Version [Type]	Straight
No. of contacts	4
Rated voltage [V]	60
Current load (at 40°C) [A]	4
Insulation resistance	≥10 ⁹ 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]	4.3
Nr. of wires x diameter [mm ²]	4x0.25
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
Special features	
Flame retardant	Yes
Seawater resistant	Yes
Recyclable	Yes
PWIS-free	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



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| ② WHITE | ④ BLACK |



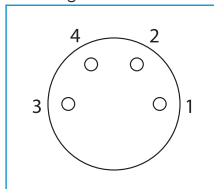
PLUG-IN CONNECTOR ANGLED WITH CABLE

KAW500B4



Order no.	KAW500B4
Technical Data	
Fixing thread	M8
Connection type	Female
Version [Type]	Angle
No. of contacts	4
Rated voltage [V]	60
Current load (at 40°C) [A]	4
Insulation resistance	≥10 ⁹ 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]	4.3
Nr. of wires x diameter [mm ²]	4x0.25
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
Special features	
Flame retardant	Yes
Seawater resistant	Yes
Recyclable	Yes
PWIS-free	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



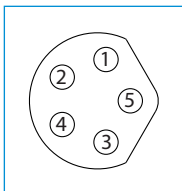
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| ② WHITE | ④ BLACK |



PLUG-IN CONNECTOR STRAGHT WITH CABLE **ZIMMER** group

KAG500B5

Order no.	KAG500B5
Technical Data	
Fixing thread	M8
Connection type	Female
Version [Type]	Straight
No. of contacts	
Rated voltage [V]	30
Current load (at 40°C) [A]	3
Insulation resistance	≥10 ⁹ 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]	5.6
Nr. of wires x diameter [mm ²]	5x0.34
Bend radius	12xØ
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
Special features	
Flame retardant	Yes
Seawater resistant	Yes
Recyclable	Yes
PWIS-free	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



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| ② WHITE | ⑤ GRAY |
| ⑦ BLUE | |

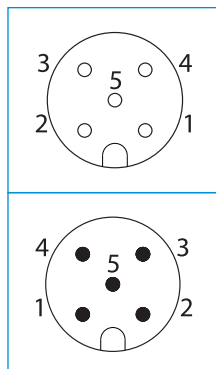


PLUG-IN CONNECTOR STRAGHT WITH CABLE **ZIMMER** group

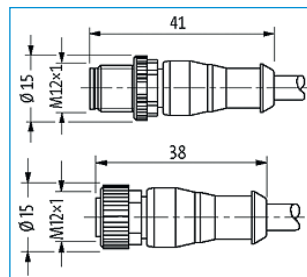
KAG500IL

Order no.	KAG500IL
Technical Data	
Fixing thread	M12
Connection type	Connector straight / female straight
Coding	A
No. of contacts	
	1.5
Supply voltage [V DC]	125
Supply voltage [V AC]	125
Current load (at 40°C) [A]	4
Housing Material	PUR
Cable sheath material	PUR
Cable length [m]	5
Cable-Ø [mm]	5
Nr. of wires x diameter [mm ²]	5x0.34
Bend radius, fixed cable installation	5xØ
Bend radius, flexible cable installation	10xØ
Temperature range [°C]	-25 ... +80
Protection to IEC 60529	IP67
Certification	UL
Special features	
Drag chain-adapted	Yes
Torsion resistant	Yes

IO-Link capable



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| ② WHITE | ⑤ GRAY |
| ⑦ BLUE | |

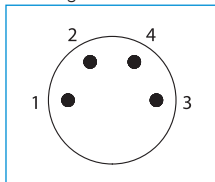


PLUG-IN CONNECTOR STRAGHT WITH CABLE **ZIMMER** group

KAG500S4

Order no.	KAG500S4
Technical Data	
Fixing thread	M8
Connection type	Male
Version [Type]	Straight
No. of contacts	4
Rated voltage [V]	60
Current load (at 40°C) [A]	4
Insulation resistance	≥10 ⁹ 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	-
Cable sheath material	PUR
Cable length [m]	5
Cable-Ø [mm]	4.3
Nr. of wires x diameter [mm ²]	4x0.25
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
Special features	
Flame retardant	Yes
Seawater resistant	Yes
Recyclable	Yes
PWIS-free	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



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|---------|---------|
| ① BROWN | ⑦ BLUE |
| ② WHITE | ④ BLACK |

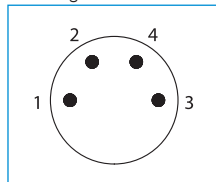


PLUG-IN CONNECTOR ANGLED WITH CABLE **ZIMMER** group

KAW500S4

Order no.	KAW500S4
Technical Data	
Fixing thread	M8
Connection type	Male
Version [Type]	Angle
No. of contacts	4
Rated voltage [V]	60
Current load (at 40°C) [A]	4
Insulation resistance	≥10 ⁹ 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]	4.3
Nr. of wires x diameter [mm ²]	4x0.25
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
Special features	
Flame retardant	Yes
Seawater resistant	Yes
Recyclable	Yes
PWIS-free	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



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|---------|---------|
| ① BROWN | ⑦ BLUE |
| ② WHITE | ④ BLACK |

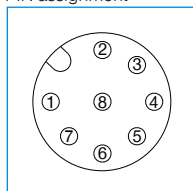


PLUG-IN CONNECTOR STRAGHT WITH CABLE **ZIMMER** group

KAG1000B8

Order no.	KAG1000B8
Technical Data	
Fixing thread	M12
Connection type	Female
Version [Type]	Straight
No. of contacts	8
Rated voltage [V]	30
Current load (at 40°C) [A]	2
Insulation resistance	≥10 ⁹ 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]	6.7
Nr. of wires x diameter [mm ²]	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
Special features	
Flame retardant	Yes
Seawater resistant	Yes
Recyclable	Yes
PWIS-free	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

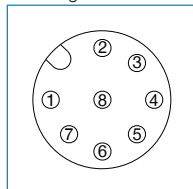


PLUG-IN CONNECTOR ANGLED WITH CABLE **ZIMMER** group

KAW1000B8

Order no.	KAW1000B8
Technical Data	
Fixing thread	M12
Connection type	Female
Version [Type]	Angle
No. of contacts	8
Rated voltage [V]	30
Current load (at 40°C) [A]	2
Insulation resistance	≥10 ⁹ 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]	6.7
Nr. of wires x diameter [mm ²]	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
Special features	
Flame retardant	Yes
Seawater resistant	Yes
Recyclable	Yes
PWIS-free	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

