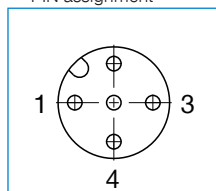


# PLUG-IN CONNECTOR STRAIGHT WITH CABLE

## KAG500-02

| Order no.                                  | KAG500-02                  |
|--|----------------------------|
| <b>Technical Data</b>                      |                            |
| Fixing thread                              | M12                        |
| Connection type                            | Socket                     |
| Version [Type]                             | Straight                   |
| No. of contacts                            | 3                          |
| Rated voltage [V]                          | 250                        |
| Current load (at 40°C) [A]                 | 4                          |
| Insulation resistance                      | ≥10 <sup>6</sup> 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 <sup>2</sup> ] | 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             |
| <b>Special features</b>                    |                            |
| 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  
③ BLUE

