



Plug connectors and cables  
Plug connectors and cables / connecting cables  
with female connector

DOL-1204-G05M



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**Model Name** > [DOL-1204-G05M](#)  
**Part No.** > [6009866](#)



*Illustration may differ*

#### Technical data

|                                |                                                                                                                             |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Accessory group:               | Plug connectors and cables                                                                                                  |
| Accessory family:              | Connecting cables with female connector                                                                                     |
| Connection type head A:        | Female connector, M12, 4-pin, straight                                                                                      |
| Connection type head B:        | Cable                                                                                                                       |
| Connection type:               | Open conductor heads                                                                                                        |
| Locking nut material:          | CuZn, nickel-plated brass                                                                                                   |
| Cable diameter:                | Ø 5 mm                                                                                                                      |
| Conductor cross-section:       | 0.25 mm²                                                                                                                    |
| Shielding:                     | Unshielded                                                                                                                  |
| Bending radius:                | > 10 x cable diameter flexible use, > 5 x cable diameter (stationary position)                                              |
| Biegezyklen:                   | ≥ 1,000,000                                                                                                                 |
| Tightening torque:             | 0.5 Nm                                                                                                                      |
| LED indicator:                 | -                                                                                                                           |
| Reference voltage:             | 250 V                                                                                                                       |
| Current loading:               | 4 A                                                                                                                         |
| Special feature:               | Drag chain use                                                                                                              |
| Ambient operating temperature: | +5 °C ... +80 °C, cable, flexible use<br>-25 °C ... +80 °C, male connector<br>-40 °C ... +80 °C, cable, stationary position |
| Enclosure rating:              | IP 67                                                                                                                       |
| Connector material:            | TPU                                                                                                                         |
| Connector color:               | Orange                                                                                                                      |
| Cable:                         | 5 m, 4-pole                                                                                                                 |
| Jacket material:               | PVC                                                                                                                         |
| Jacket color:                  | Orange                                                                                                                      |

[illegible]

Technical drawing of the 1000 Series 4-Pin Plug. The drawing shows a side view of the plug with dimensions in millimeters and inches. The total length is 42.9 mm (1.69 inches). The dimensions are: 14.5 mm (0.57 inches) for the hexagonal base, 1.5 mm (0.06 inches) for the first section, 10.3 mm (0.41 inches) for the second section, and 3.1 mm (0.12 inches) for the third section. The thread is M12x1. The diameter of the plug body is 10.5 mm (0.41 inches). The diameter of the pin is 8.8 mm (0.35 inches). The diameter of the pin base is 10.3 mm (10.41 inches). The pin is labeled with 1/brn, 2/wht, 3/blu, and 4/blk.

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