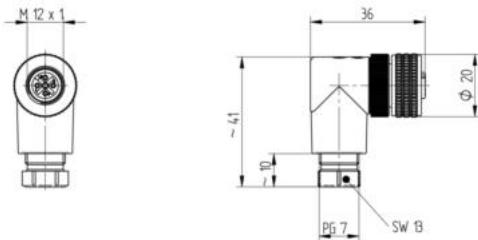


**Product:** [ELWIKA 4012 PG7 topas](#)

M12 Field Attachable Connector: female, angled, 4-pin, A-coded, unshielded, transparent housing, screw type, 230 V AC/DC

Product Description

M12 Field Attachable Connector: female, angled, 4-pin, A-coded, unshielded, transparent housing, screw type, 230 V AC/DC

Technical Drawing**Technical Specifications****Technical Data**

| | |
|-----------------------------|------------------------------|
| Product Family: | Sensor / Actuator Connectors |
| Product Sub Family: | M12 Standard |
| Brand: | Belden |
| Connector Type: | Field attachable |
| Type of Contact / Gender: | female |
| Connector Design: | angled |
| Number of Pins: | 4 |
| Coding: | A |
| Attachment Type: | Coupling Nut |
| Rated Voltage: | 250 V |
| Rated Impulse Voltage: | 2.5 kV |
| Operating Voltage: | 230 V AC/DC |
| Rated Current*: | 4 A |
| Rated Current (CSA)*: | 4 A |
| Contact Resistance: | $\leq 10 \text{ mOhm}$ |
| Insulation Resistance: | $> 10^9 \text{ Ohm}$ |
| Mating Cycles: | ≤ 20 |
| Type of Connection: | screw terminal |
| Maximum Wire Cross Section: | max. 0.75 mm^2 |
| Cable Gland: | PG7 |

| | |
|-----------------------------------|--|
| Strain-Relief: | clamping cage |
| Suitable Cables: | Ø4 - Ø6 mm |
| Ambient Temperature (Operation)*: | -25°C to +90°C |
| Protection Degree / IP Rating**: | IP65, IP67 |
| Design Standard: | IEC 61076-2-101 |
| Pollution Degree: | 3 acc. to DIN EN 60664-1 (VDE 0110-1) |
| Clearance / Creepage Distance: | DIN EN 60664-1 (2008/01); VDE 0110-1 |
| Overvoltage Category: | II acc. to DIN EN 60664-1 (VDE 0110-1) |

Materials

| | |
|--------------------------------------|---------------|
| Contact Base Material: | CuZn |
| Contact Plating: | Cu/Sn |
| Contact Bearer Material: | PA |
| Contact Bearer Color: | black |
| Flammability Class (Contact Bearer): | UL 94 V-2 |
| Housing Material: | PA |
| Housing Color: | transparent |
| Flammability Class (Housing): | UL 94 V-2 |
| Cable Gland Material: | PA-GF |
| Cable Gland Gasket: | NBR, black |
| Attachment Material: | GD-Zn |
| Attachment Plating: | nickel-plated |
| O-Ring Material: | FKM/NBR |

Additional Technical Data

| | |
|--------------------------------|---------------------------------|
| Fastening Torque (Attachment): | M 12x1: (50-60) Ncm, hand-tight |
|--------------------------------|---------------------------------|

Safety & Environmental Compliance

| | |
|-----------------|-----|
| RoHS Compliant: | yes |
|-----------------|-----|

Notes

| | |
|-------------------------------------|--|
| Note Derating: | * Notice derating |
| Protection Degree / IP Rating Note: | ** only if mounted and locked in combination with Hirschmann / Lumberg Automation connector. |

Variants

| Item # | Item Description |
|-----------|------------------------|
| 933173199 | ELWINKA 4012 PG7 topas |

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