

# ESW 33JP0200GS

90° shielded cable 12 wires, female connector, 2,0 m

Article number: 11201128

## Overview

- shielded process interface cable
- 90° angled M12/12-pin female connector to open wires
- cable carrier compatible
- suitable for robotic applications (+/- 180°/m, min. 500.000 torsion cycles)
- length 2,0 m



*Picture similar*

## Technical data

### Electrical data

|                 |   |
|-----------------|---|
| Shielding       | yes   |
| Number of poles | 12  |
| Connectors      | M12 female connector, angled, screw lock open wires |

Suitable for operation with max 60 V (nominal 48 V) **yes**

Suitable for operation with max 60 V (nominal 48 V) (info) The M12 connectors must comply with the IEC 61076-2-101 standard. The dielectric strength and withstand voltage for the plug/socket combination must be checked according to DIN EN 60664-1:2008-01 for 60 V.

### Mechanical data

|  |       |
|--|-------|
| Smallest bending radius static             | 30 mm |
| Smallest bending radius moved installation | 72 mm |

### Mechanical data

|                       |                   |
|-----------------------|-------------------|
| Bending cycles        | 1000000           |
| Use in cable carriers | yes               |
| Cable length [m]      | 2 m               |
| Material              | PUR, halogen-free |

### Interface

Data interface Process interface

### Environmental conditions

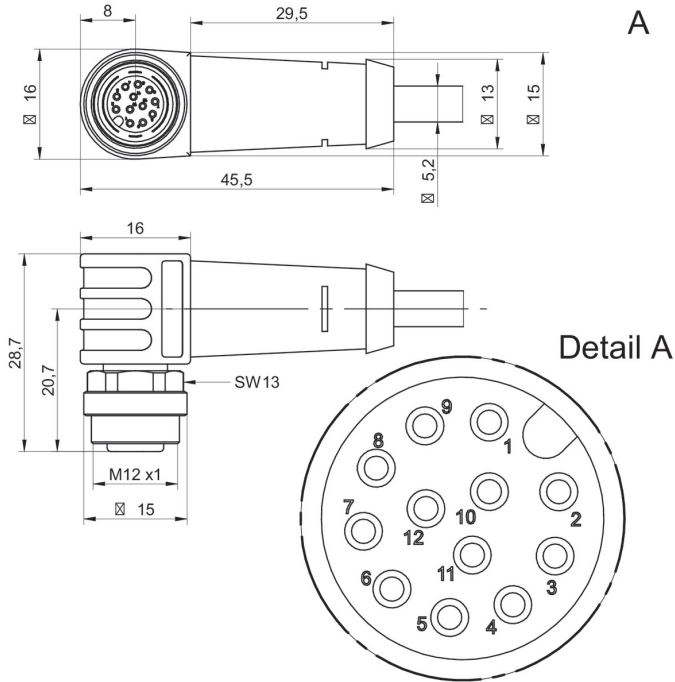
|  |                       |
|--|-----------------------|
| Flame resistance                           | IEC 60332-2-2         |
| Halogen-free                               | DIN EN 50267-2-1      |
| Operation temperature (static)             | -40 ... +90 °C        |
| Operation temperature (moved installation) | -25 ... +60 °C        |
| Conformity                                 | UL<br>RoHS            |
| Protection class                           | IP 65/67/68 (mounted) |

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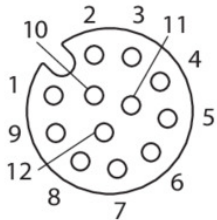
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## Dimension drawing



## Pin assignment



| M12 | color | M12 | color |
|-----|-------|-----|-------|
| 1:  | BN    | 7:  | BK    |
| 3:  | WH    | 10: | VT    |
| 6:  | YE    | 9:  | RD    |
| 4:  | GN    | 2:  | BU    |
| 5:  | PK    | 11: | GYPK  |
| 8:  | GY    | 12: | RDBU  |