

ESW 33JP0500GS

90° shielded cable 12 wires, female connector, 5,0 m

Article number: 11195094

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 5,0 m



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 | 1.000.000 |
| use in cable carriers | yes |
| cable length [m] | 5 m |
| material | PUR, halogen-free |

interface

data interface process interface

environmental conditions

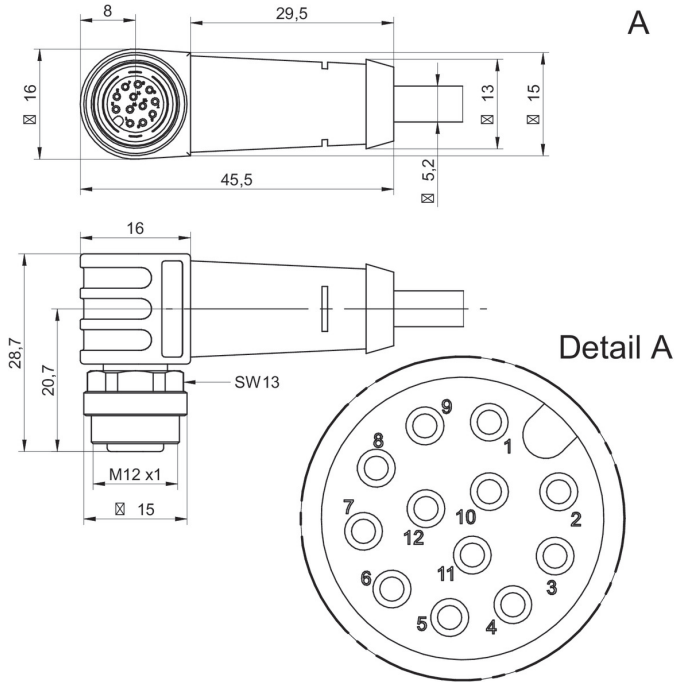
| | |
|--|-----------------------|
| flame resistance | IEC 60332-2-2 |
| halogen-free | DIN EN 50267-2-1 |
| operation temperature (static) | -40 ... +90 °C |
| operation temperature (moved installation) | -25 ... +60 °C |
| conformity | UL RoHS |
| protection class | IP 65/67/68 (mounted) |

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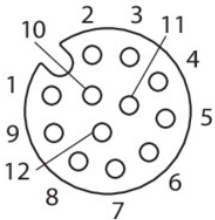
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dimension drawing



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 |