

ESW 33JP2000GS

90° shielded cable 12 wires, female connector, 20,0 m

Article number: 11195096

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 20,0 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]	20 m
material	PUR, halogen-free

interface

data interface process interface

environmental conditions

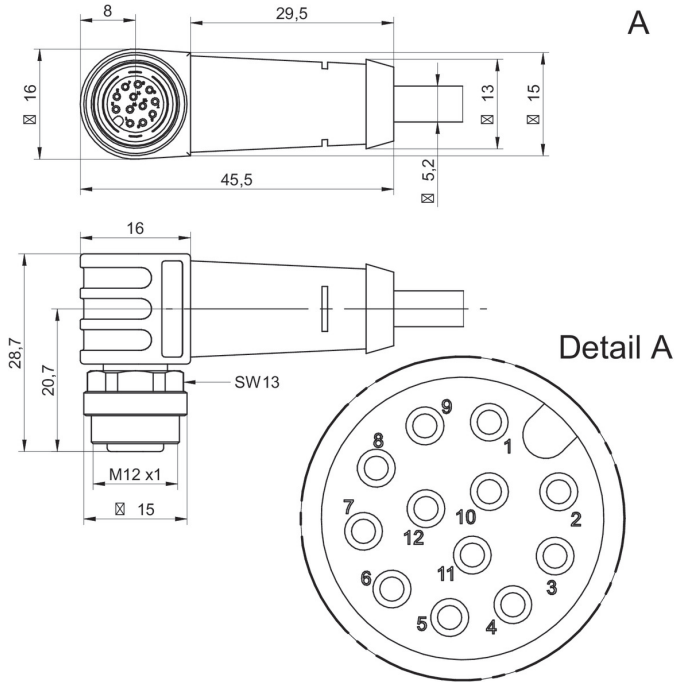
flame resistance	IEC 60332-2-2
halogen-free	DIN EN 50267-2-1
operation temperature (static)	-40 ... +90 °C
operation temperature (moved installation)	-25 ... +60 °C
conformity	UL RoHS
protection class	IP 65/67/68 (mounted)

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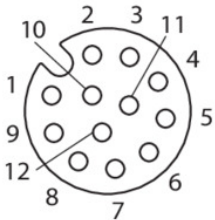
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dimension drawing



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