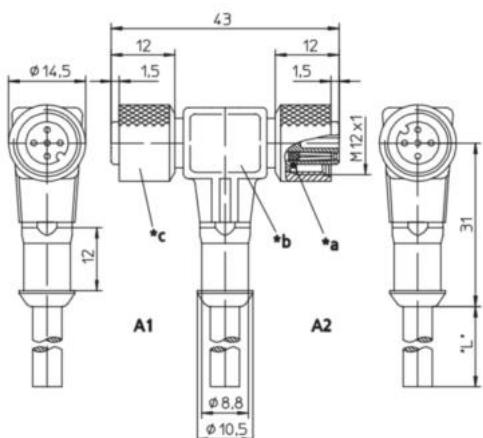
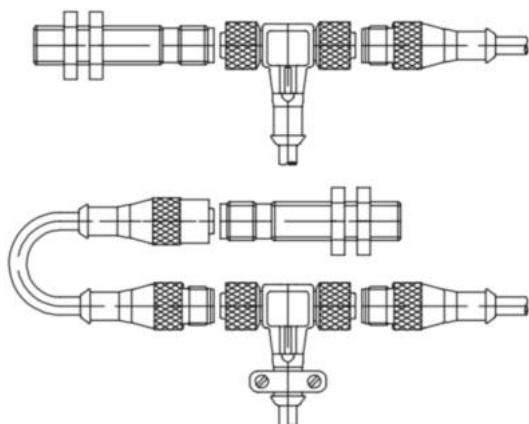


**Product: [ZV 2 4-3-225](#)**

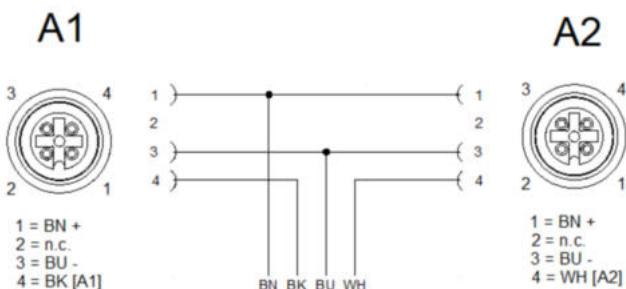
T-Splitter, Sensor/Actuator, double M12 3 pole female, with Black PUR cable

**Product Description**T-Splitter, Sensor/Actuator, M12 to M12, IP67, PUR orange body, 3-pin M12 Female to 3-pin M12 female, 63 V, 4 A, with PUR, black jacket, 4x0.34mm<sup>2</sup> cable**Technical Drawing**

\*a O-Ring  
 \*b hose mounting  
 \*c coupling nut black



A1 A2

**Technical Specifications****Product Description**

Product Family:	Sensor / Actuator Connectors
Brand:	Lumberg Automation
Connector Type:	T-Splitter
Shielding:	Unshielded

Rated Voltage:	63 V
Rated Impulse Voltage:	1.5 kV
Operating Voltage:	50 V AC / 60 V DC
Rated Current*:	4 A

### Technical Data Side 1

Product Sub Family:	M12 Standard
Type of Contact / Gender:	2 x Female
Connector Design:	T Body
Attachment Type:	Coupling Nut
Number of Pins:	4
Coding:	A
Contact Resistance:	$\leq 5 \text{ mOhm}$
Insulation Resistance:	$> 10^9 \text{ Ohm}$
Mating Cycles:	$\leq 100$
Ambient Temperature (Operation)*:	- 25 °C - + 80 °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)
Overvoltage Category:	III acc. to DIN EN 60664-1 (VDE 0110-1)
Contact Base Material:	CuSn
Contact Plating:	Cu/Au
Contact Bearer Material:	TPU
Contact Bearer Color:	Black
Flammability Class (Contact Bearer):	UL 94 HB
Molded Body Material:	TPU
Molded Body Color:	Orange
Flammability Class (Molded Body):	UL 94 HB
Attachment Material:	CuZn
Attachment Plating:	1xNickel-plated, 1xNylon Black coated
O-Ring Material:	FKM, green
Fastening Torque (Attachment):	M 12x1: (50-60) Ncm, hand-tight

### Cable Data

Cable Number:	225
Conductor Size:	0.34 mm²
Number of Wires:	4
Minimal Bending Radius (Fixed Inst):	5 x D
Minimal Bending Radius (Flexible Inst):	10 x D
Cycles (Bending):	5 M
Cycles (Torsion):	> 3 M @ $\pm 360$ °/1 m
Conductor material:	Cu
Cable Jacket Material:	PUR
Cable Jacket Color:	black matt similarly RAL 9005
Cable Diameter D:	$\varnothing 4.70 \pm 0.15$ mm
Wire Insulation Material:	PP
Insulated Wire Diameter:	$\varnothing 1.30 \pm 0.15$ mm
Ambient Temperature (Fixed Installation):	- 50 °C - + 90 °C (UL: + 80 °C)
Ambient Temperature (Flex Installation):	- 25 °C - + 90 °C (UL: + 80 °C)
Ambient Temperature (Drag Chain Inst):	- 25 °C - + 60 °C
UL Cable Type:	AWM: 20549
Flammability Class (Cable Jacket):	DIN EN 60332-2-2, VDE 0482-332-2-2, IEC 60332-2-2, CSA FT-2
Cable Characteristics:	Good microbes and hydrolysis resistance; Mainly plasticizer diffusion free; Exclusion of PVC and silicone; Coldness flexibility; Free of lacquer wetting disturbing substances

### Safety & Environmental Compliance

RoHS Compliant:	Yes
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## Resistances

Halogenfree:	Yes
Oil Resistance:	Yes

## Notes

Note Derating:	Notice derating
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## Variants

Item #	Item Description	Cable Length
23368	ZV 2 4-3-225/15 M	15 m
43780	ZV 2 4-3-225/10 M	10 m
43782	ZV 2 4-3-225/2 M	2 m
43783	ZV 2 4-3-225/5 M	5 m

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