

M12-Splitters/T-Connectors

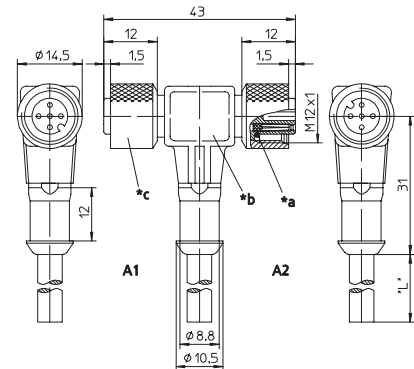
ZV 2



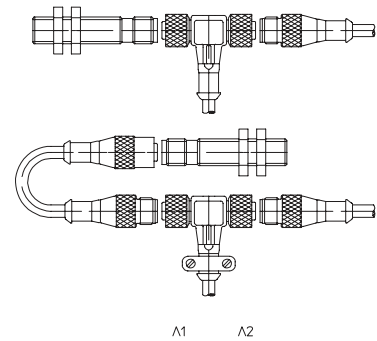
M12 Male / Female

Splitter/T-connector, double female (2 port distribution box) with self-locking threaded joint, 3-poles with molded cable.

ZV 2



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



Pin Assignments

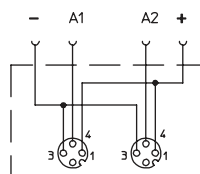
M12 Female

3 poles



- 1 = brown
- 2 = n.c.
- 3 = blue
- 4 = black (A1) / white (A2)

Wiring Diagram





Be Certain with Belden

M12-Splitters/T-Connectors ZV 2

Technical Data

Environmental

Degree of protection	IP 67 / NEMA 6P
Operating temperature range	-25°C (-13°F) / +80°C (+176°F)

Mechanical

Housing / Molded body	TPU, self-extinguishing
Insert	TPU, self-extinguishing
Contact	CuZn, pre-nickel and 0.8 microns gold-plated
Coupling nut	CuZn, nickel-plated
O-ring	FKM

Electrical

Contact resistance	≤ 5 mΩ
Nominal current at 40°C	4 A
Nominal voltage	60 V
Rated voltage	63 V
Test voltage	2.0 kV eff. / 60 s
Insulation resistance	> 10 ⁹ Ω
Pollution degree	3

Cable Specifications

Cable No.	Outer Jacket	Gauge	Jacket Color	OD	Agency Approvals
225	PUR, halogen-free	4 x 0.34 mm ²	Black	.185" (4.7 mm)	UL: AWM 20233 / CSA: AWM I/II A/B

Part Number	Pins	Outer Jacket	Standard Cable Lengths	Characteristics
ZV 2 4-3-225/...M	3	PUR, halogen-free	2 M / 5 M / 10 M	  