

**FTA-C300-16AI-TEST-Z****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

Similar to illustration

Analogue input/output direct FTAs for Honeywell C300 IOTAs.

Passive interfaces (FTA) for connecting the Honeywell C300 analog IOTAs.

- Clearly labelled: Same connector and position on the FTA and on the IOTA.
- 2 units may also be used for the digital IOTAs.
- Disconnecting plugs and test points (2mm in diameter) for voltage and current measurements.
- The FTAs incorporate an M4 connection for the shielding.
- Screw or tension clamp connection

**General ordering data**

Version	Interface, RS, 1-wire, Tension-clamp connection
Order No.	<a href="#">1247150000</a>
Type	FTA-C300-16AI-TEST-Z
GTIN (EAN)	4050118035278
Qty.	1 pc(s).

## FTA-C300-16AI-TEST-Z

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## Technical data

## Dimensions and weights

Depth	95 mm	Depth (inches)	3.74 inch
Height	133 mm	Height (inches)	5.236 inch
Width	141 mm	Width (inches)	5.551 inch
Net weight	427 g		

## Temperatures

Storage temperature	-40...60 °C	Operating temperature	-25...50 °C
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## General data

LED status display per channel	No	Disconnection per channel	Yes
Voltage point of measurement	Yes	Current-measuring testpoint	Yes
Type of test point	Diameter: 2 mm	Switch	No
Fuse per channel	No	LED status of the supply voltage	No
Power supply fuse	No		

## Connection data

Connection (field side)	LM2NZF 5.08mm	Connection on control side	SLDV-THR 5.08
Number of poles (control side)	32-pole female	Protective earth connection	M4 round terminal
Wiring system	1-wire		

## Ratings data

Operating voltage	24 V DC $\pm$ 10%	Max. current per channel	1 A
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## Insulation coordination (EN50178)

According to	DIN EN 50178	Rated insulation voltage	$\leq$ 50 V DC
Surge voltage category	III	Pollution severity level	2
Pulse voltage test (1,2/50 $\mu$ s)	0.8 kV	Insulation test voltage AC	0.35 kV

## Connection field

Clamping range, max.	2.5 mm <sup>2</sup>	Clamping range, min.	0.13 mm <sup>2</sup>
Flexible with sleeve, max.	1.5 mm <sup>2</sup>	Flexible with sleeve, min.	0.25 mm <sup>2</sup>
Flexible, max. H05(07) V-K	1.5 mm <sup>2</sup>	Flexible, min. H05(07) V-K	0.2 mm <sup>2</sup>
Max. wire cross-section, AWG	AWG 14	Min. wire cross-section, AWG	AWG 24
Sleeve with plastic collar, max.	1.5 mm <sup>2</sup>	Solid, max. H05(07) V-U	2.5 mm <sup>2</sup>
Solid, min. H05(07) V-U	0.2 mm <sup>2</sup>	Stripping length	7.5 mm
Type of connection	Tension-clamp connection		

## Supply connection

Type of connection	Tension-clamp connection	Clamping range, min.	0.13 mm <sup>2</sup>
Clamping range, max.	2.5 mm <sup>2</sup>	Solid, min. H05(07) V-U	0.2 mm <sup>2</sup>
Solid, max. H05(07) V-U	2.5 mm <sup>2</sup>	Flexible, min. H05(07) V-K	0.2 mm <sup>2</sup>
Flexible, max. H05(07) V-K	1.5 mm <sup>2</sup>	Flexible with sleeve, max.	1.5 mm <sup>2</sup>
Flexible with sleeve, min.	0.25 mm <sup>2</sup>	Ferrule with plastic collar, max.	1.5 mm <sup>2</sup>
Wire cross-section, min. AWG	AWG 14	Wire cross-section, max. AWG	AWG 24
Stripping length	7.5 mm		

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## Classifications

ETIM 6.0	EC002780	ETIM 7.0	EC002780
ETIM 8.0	EC002780	ETIM 9.0	EC002780
ECLASS 9.0	27-14-11-52	ECLASS 9.1	27-14-11-52
ECLASS 10.0	27-14-11-52	ECLASS 11.0	27-14-11-52
ECLASS 12.0	27-14-11-52	ECLASS 13.0	27-14-11-52

## Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	2e4a427f-c282-4ebf-8ee2-8af7c9348f4e

## Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (UR)	E141197

## Downloads

Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	

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# Drawings

