

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

Klingenbergstraße 16

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Germany

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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

Type	FTA-C300-16AI-TEST-S
Order No.	1247140000
Version	1-wire, Screw connection
GTIN (EAN)	4050118035414
Qty.	1 pc(s).

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Technische Daten

Dimensions and weights

Length	141 mm	Width	133 mm
Height	95 mm	Net weight	475 g

Temperatures

Operating temperature	-25...+50°C	Storage temperature	-40...+60 °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 on control side	SLDV-THR 5.08	Number of poles (control side)	32-pole female
Connection (field side)	LP2N 5.08mm	Wiring system	1-wire
Protective earth connection	M4 round terminal		

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 μ s)	0.8 kV	Insulation test voltage	0.35 kVAC

Connection field

Type of connection	Screw connection	Clamping range, min.	0.13 mm ²
Clamping range, max.	6 mm ²	Solid, min. H05(07) V-U	0.5 mm ²
Solid, max. H05(07) V-U	6 mm ²	Flexible, min. H05(07) V-K	0.5 mm ²
Flexible, max. H05(07) V-K	4 mm ²	Flexible with sleeve, max.	2.5 mm ²
Flexible with sleeve, min.	0.5 mm ²	Sleeve with plastic collar, max.	2.5 mm ²
Min. wire cross-section, AWG [field]	AWG 26	Max. wire cross-section, AWG [field]	AWG 12
Tightening torque, min.	0.5 Nm	Tightening torque, max.	0.6 Nm
Stripping length	6 mm		

Supply connection

Type of connection	Screw connection	Clamping range, min.	0.13 mm ²
Clamping range, max.	6 mm ²	Solid, min. H05(07) V-U	0.5 mm ²
Solid, max. H05(07) V-U	6 mm ²	Flexible, min. H05(07) V-K	0.5 mm ²
Flexible, max. H05(07) V-K	4 mm ²	Flexible with sleeve, max.	2.5 mm ²
Flexible with sleeve, min.	2.5 mm ²	Ferrule with plastic collar, max.	0.5 mm ²
Wire cross-section, min. AWG	AWG 12	Wire cross-section, max. AWG	AWG 26
Tightening torque, min.	0.5 Nm	Tightening torque, max.	0.6 Nm
Stripping length	6 mm		

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Classifications

eClass 6.2	27-14-11-52	eClass 7.1	27-14-11-52
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Product information

Descriptive text accessories	Test plug PS 2.0 MC 031000000
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Approvals

Approvals



ROHS	Conform
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Zeichnungen

