

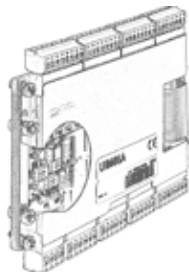
# Input/Output module FED-UIM

Part number: 559870  
Product to be discontinued

FESTO

for controller FED-CEC.

Type to be discontinued. Available until 2017. See Support Portal for alternative products.



## Data sheet

Feature	Value
CE mark (see declaration of conformity)	to EU directive for EMC
Storage temperature	-20 ... 70 °C
Relative air humidity	5 - 85 % non-condensing
Ambient temperature	0 ... 50 °C
Materials note	Contains PWIS substances
Digital inputs, number	20
Digital inputs, fast counting inputs	4
Digital inputs, incremental encoder connection	4
Digital inputs, input signal delay	0,2 ms
Digital inputs, input voltage/current	24 VDC / 3 mA
Digital inputs, nominal value for True	12 - 30 VDC
Digital inputs, nominal value for False	≤ 6 VDC
Digital inputs, electrical isolation	Yes, via optocoupler
Analogue inputs, number	8
Analogue inputs, resolution	12 bit
Analogue inputs, signal range	0 - 10 V 0 - 20 mA 0 - 5 V 0 - 1 V 4 - 20 mA ± 1 V ± 10 V ± 5 V PT 100 (-100 °C to 850 °C) Thermoelement E, J, K, R, S, T
Analogue inputs, absolute precision at 25 °C	0,1 %
Analogue inputs, linearity error at 25 °C	0,1 %
Analogue inputs, input resistance	47 Ohm
Digital outputs, number	12
Digital outputs, contact	Transistor
Digital outputs, output voltage	12 - 30 VDC
Digital outputs, output current	500 mA
Digital outputs, electrical isolation	Yes, via optocoupler
Digital outputs, short-circuit proof	Yes
Digital outputs, overload proof	Yes
Analogue outputs, number	4
Analogue outputs, resolution	12 bit
Analogue outputs, max. load resistance	470 Ohm
Analogue outputs, signal range	± 10 V
Analogue outputs, linearity error at 25 °C	± 0.15% voltage output ± 0.2% current output