

# IFS-OP-UNIT - Operator interface



2811899

<https://www.phoenixcontact.com/us/products/2811899>

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The operator interface facilitates straightforward parameterization and operation of the MACX MCR(-EX)-...-UI(REL)(-UP) on-site, even without software. Can be snapped onto the 35 mm module. Replacement part: 2905872 IFS-BT-PROG-ADAPTER.

## Your advantages

- Local display of actual values
- Easy guided operation
- Operating and display unit can be snapped directly onto compatible devices with a housing width of 35 mm
- Installation in zone 2 permitted

## Commercial data

Item number	2811899
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	C402
Product key	DK111Z
GTIN	4046356308106
Weight per piece (including packing)	64.3 g
Weight per piece (excluding packing)	47.7 g
Customs tariff number	85312095
Country of origin	DE

## Technical data

### Product properties

Product type	Operator interface
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### Connection data

#### PC side

Connection method	S-PORT (socket)
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#### Measuring transducer side

Connection method	S-PORT (male connector)
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### Dimensions

Width	35 mm
Height	99 mm
Depth	20 mm

### Material specifications

Color	gray (RAL 7042)
Housing material	PA 6.6

### Environmental and real-life conditions

#### Ambient conditions

Ambient temperature (operation)	-20 °C ... 65 °C (-4 °F ... 149 °F)
Ambient temperature (storage/transport)	-40 °C ... 85 °C (-40 °F ... 185 °F)
Altitude	≤ 2000 m
Permissible humidity (operation)	90 % (at 25 °C, non-condensing)

### Approvals

#### CE

Certificate	CE-compliant
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#### ATEX

Identification	⊕ II 3G Ex nA ic IIC T4 Gc X
Certificate	IBExU 10 ATEX B008 X

#### IECEX

Identification	Ex nA ic IIC T4 Gc
Certificate	IECEX IBE 10.0012 X

#### UL, USA/Canada

Identification	UL 508 Listed
	Class I, Div. 2, Groups A, B, C, D T6
	Class I, Zone 2, Group IIC T6

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## Shipbuilding approval

Identification	C, EMC2
Certificate	DNV GL 11 564-14HH

## EMC data

Electromagnetic compatibility	Conformance with EMC directive
Noise immunity	EN 61000-6-2

## Noise emission

Standards/regulations	EN 61000-6-4
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## Environmental product compliance

### China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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