

## FO converters - OPTOSUB-PLUS-K/OUT - 2799610

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INTERBUS/fiber optic adapter, for converting the remote OUT interface to polymer/PCF fiber, connection system: F-SMA

The figure shows version  
OPTOSUB-PLUS-G/OUT and  
OPTOSUB-PLUS-K/OUT

RoHS

### Key Commercial Data

|              |                                                                                                         |
|--------------|---------------------------------------------------------------------------------------------------------|
| Packing unit | 1 pc                                                                                                    |
| GTIN         | <br>4 017918 129705 |
| GTIN         | 4017918129705                                                                                           |

### Technical data

#### Note

|                         |                                                                           |
|-------------------------|---------------------------------------------------------------------------|
| Utilization restriction | EMC: class A product, see manufacturer's declaration in the download area |
|-------------------------|---------------------------------------------------------------------------|

#### Dimensions

|        |         |
|--------|---------|
| Width  | 16.3 mm |
| Height | 57 mm   |
| Depth  | 31.3 mm |

#### Ambient conditions

|                                 |                |
|---------------------------------|----------------|
| Ambient temperature (operation) | 0 °C ... 55 °C |
|---------------------------------|----------------|

#### General

|                       |                                |
|-----------------------|--------------------------------|
| Transmission channels | 2 (1/1), RxD, TxD, full duplex |
| Net weight            | 30.68 g                        |
| Housing material      | ABS, metal-plated              |

#### Power supply

|                        |                                |
|------------------------|--------------------------------|
| Nominal supply voltage | none, supply from data channel |
|------------------------|--------------------------------|

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## Technical data

### Power supply

|                             |            |
|-----------------------------|------------|
| Typical current consumption | typ. 30 mA |
|-----------------------------|------------|

### Interfaces

|                           |                                                  |
|---------------------------|--------------------------------------------------|
| Interface 1               | RS-485 interface INTERBUS in acc. with DIN 50254 |
| Connection method         | D-SUB 9 plug                                     |
| Transmission medium       | Copper                                           |
| Serial transmission speed | 500 kbps                                         |

### Optical interface FO

|                                               |                                                                  |
|-----------------------------------------------|------------------------------------------------------------------|
| Transmission power                            | 354.81 µW (-4.5 dBm at 980/1000 µm)                              |
|                                               | 11.22 µW (-19.5 dBm at 200/230 µm)                               |
| Minimum receiver sensitivity                  | -26 dBm                                                          |
| Wavelength                                    | 660 nm                                                           |
| Transmission length incl. 3 dB system reserve | 50 m (With F-P 980/1000 230 dB/km with quick mounting connector) |
|                                               | 300 m (with F-S 200/230 10 dB/km)                                |
|                                               | 100 m (F-S 200/230 10 dB/km, OPTOSUB/FO bus terminal module)     |
| Transmission medium                           | Polymer fiber                                                    |
|                                               | PCF fiber                                                        |
| Connection method                             | F-SMA                                                            |

### Conformance/approvals

|                |     |
|----------------|-----|
| Designation    | EAC |
| Identification | EAC |

### Environmental Product Compliance

|            |                                                         |
|------------|---------------------------------------------------------|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|            | No hazardous substances above threshold values          |

## Classifications

### eCl@ss

|               |          |
|---------------|----------|
| eCl@ss 10.0.1 | 19170132 |
| eCl@ss 4.0    | 27230200 |
| eCl@ss 4.1    | 27230200 |
| eCl@ss 5.0    | 27230200 |
| eCl@ss 5.1    | 27230200 |
| eCl@ss 6.0    | 19179200 |
| eCl@ss 7.0    | 19179290 |
| eCl@ss 8.0    | 19179290 |
| eCl@ss 9.0    | 19170114 |

### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC001423 |
|----------|----------|

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### Classifications

#### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC001423 |
| ETIM 4.0 | EC001423 |
| ETIM 5.0 | EC000310 |
| ETIM 6.0 | EC001467 |
| ETIM 7.0 | EC001467 |

#### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211506 |
| UNSPSC 7.0901 | 39121008 |
| UNSPSC 11     | 39121008 |
| UNSPSC 12.01  | 39121008 |
| UNSPSC 13.2   | 43222604 |
| UNSPSC 18.0   | 43223323 |
| UNSPSC 19.0   | 43223323 |
| UNSPSC 20.0   | 43223323 |
| UNSPSC 21.0   | 43223323 |

### Approvals

#### Approvals

Approvals

EAC

Ex Approvals

#### Approval details

|     |                                                                                     |               |
|-----|-------------------------------------------------------------------------------------|---------------|
| EAC |  | EAC-Zulassung |
|-----|-------------------------------------------------------------------------------------|---------------|

### Accessories

Accessories

Media converter

## FO converters - OPTOSUB-PLUS-K/OUT - 2799610

### Accessories

FO converters - OPTOSUB-PLUS-K/IN - 2799584



INTERBUS/fiber optic adapter, for converting the remote IN interface to polymer/PCF fiber, connection system: F-SMA

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FO converters - OPTOSUB-PLUS-G/IN - 2799623



INTERBUS/fiber optic adapter, for converting the remote IN interface to fiberglass, connection system: B-FOC

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