

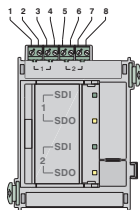
## FPE-5000-UGM Module interface to UGM



The communication module is used to connect the addressable fire panels to a superordinate system like safety/security systems or fire services systems. The module provides two bi-directional transmission paths.

- ▶ Easy and redundant connection to superordinate systems
- ▶ MTS protocol
- ▶ Plug-and-play technology and pluggable terminal blocks

### System overview



Pos.	Labeling	Connection	
1	SDI 1 +	Transmission path 1	Data input +
2	SDI 1 -		Data input -
3	SDO 1 +		Data input +
4	SDO 1 -		Data input -
5	SDI 2 +	Transmission path 2	Data input +
6	SDI 2 -		Data input -
7	SDO 2 +		Data input +
8	SDO 2 -		Data input -

### Parts included

Quantity	Component
1	FPE-5000-UGM Interface Module

### Technical specifications

#### Electrical

Maximum current consumption	
• Standby	7 mA (at 24 V DC)
• One transmission path active	10 mA (at 24 V DC)
• Both transmission paths active	13 mA (at 24 V DC)
Maximum line length	1000 m
Maximum line resistance	70 Ω
Baud rate	9600 bit/s at 1000 m to 38400 bit/s at 200 m

#### Mechanics

Operating and display elements	
• 4 bi-color LEDs	green = transmission / yellow = fault
• 1 key switch	LED test

Housing material	acrylonitrile-butadiene-styrene (ABS)
Housing color	RAL 7016 anthracite gray
Dimensions	110 x 90 x 60 mm
Weight	150 g

### Environmental conditions

Permissible storage temperature	-20 °C to 60 °C
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### Ordering information

#### FPE-5000-UGM Module interface to UGM

for connecting the addressable fire panels to a superordinate systems

Order number **FPE-5000-UGM | F.01U.028.289**

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