



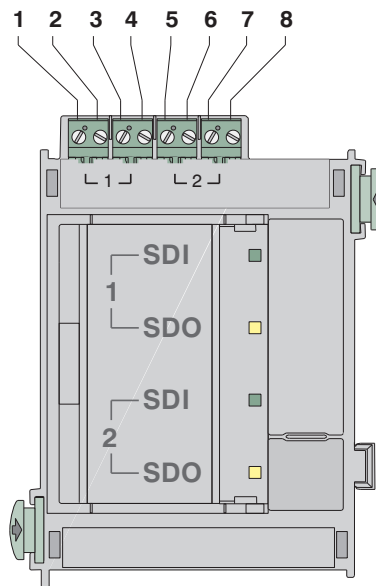
# FPE-5000-UGM Interface Module



- ▶ Easy and redundant connection to superordinate systems
- ▶ MTS protocol
- ▶ Ready to go thanks to plug-and-play technology and pluggable terminal blocks

The Communication Module is used to connect the fire panels FPA-5000 and FPA-1200 to a superordinate system like the UGM 2020, FAT 2002/RE and FSM-2000. The module provides two bi-directional transmission paths.

## System Overview



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

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

## Ordering Information

**FPE-5000-UGM Interface Module** **FPE-5000-UGM**  
for connecting the fire panels FPA-5000 and  
FPA-1200 to superordinate systems  
(UGM 2020, FAT 2002/RE, FSM-2000)

## Functions

Quant.	Component
1	FPE-5000-UGM Interface Module

## Technical Specifications

### Electrical

Input voltage	20 V DC to 30 V DC
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-colorLEDs	Green = transmission / Yellow = fault
• 1 key switch	LED test
Housing material	ABS plastic (UL94 V-0)
Housing color	satin finish, anthracite, RAL 7016
Dimensions	110 x 90 x 60 mm
Weight	150 g

### Environmental conditions

Permissible operating temperature	-5 °C to 50 °C
Permissible storage temperature	-20 °C to 60 °C
Permissible relative humidity	max. 95 %, non-condensing
Protection class as per IEC 60529	IP 30

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