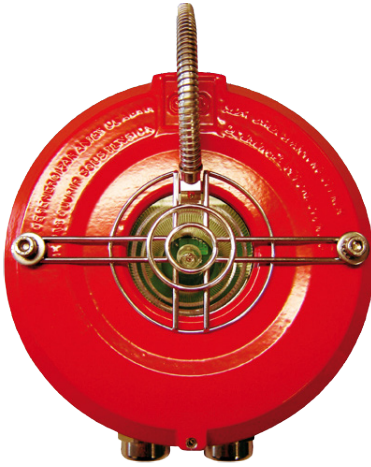


UV-Flame detector for Ex areas

TKZ: see backside

Our UV-flame detector FL (Ex) d 07 has been especially engineered for Ex areas.

The UV-flame detector can be adapted to almost any customer request, due to the connection via potential-free contacts, PROFIBUS, and its versatile evaluation options.



Product feature:

- Adaptable to **all** conventional fire alarm control panels
- Automatic standby and signaling function if the operating temperature is too high
- With automatic UV test on request
- Optional with potential-free contacts or PROFIBUS
- Multifunctional - LED (RGB)
- 256 different operational evaluation functions can be set by the customer
- Ex certified:



Dimensions (L x W x H) max.	272 mm x 192 mm x 180 mm
Weight	4,9 Kg
Angle of visibility	90°
Protection type	IP 66
Operating voltage	12 VDC - 24 VDC ±20%
Temperature range	-40 °C - +120 °C
Fire-sensitivity	EN 54 - 10 class 1
Versions	See backside for differences

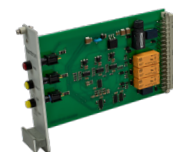
Accessories



FL(Ex)d07 / FL95 HT-P
 Adapter plate
 (2 pieces)
 TKZ: 80285



HAK FL(Ex) d 07
 Mount with
 heat sink
 TKZ: 80284



AWK 19 Z-FL(Ex)d 07
 Evaluation board
 (only with *T-RE-MO)
 TKZ: 80283

Comparison of Variants

Variants: Relays

Variant	FL (Ex) d07-T-RE	FL (Ex) d07-O-RE
Interface to BMZ	1 potential-free NO contact each: <ul style="list-style-type: none"> - Fire alarm - Combined fault - Temperature max. Optional with preconfigured resistors	1 potential-free NO contact each: <ul style="list-style-type: none"> - Fire alarm - Combined fault - Temperature max. Optional with preconfigured resistors
UV - self-test	with automatic UV - self-test	without automatic UV - self-test
Ex marking	II 2G Ex db IIC T6 Gb Ta: -40°C - +70°C II 2G Ex db IIC T4 Gb Ta: -40°C - +120°C	II 2G Ex db IIC T6 Gb Ta: -40°C - +70°C II 2G Ex db IIC T4 Gb Ta: -40°C - +120°C
TKZ	80572	80607

Variants: PROFIBUS

Variant	FL (Ex) d07-T-FB-A	FL (Ex) d07-O-FB-A
Interface to BMZ	PROFIBUS - DP-V0 Slave Data transfer: RS 485 Transfer rate: 9,6 kbit/s ... 12 Mbit/s Topology: Line, Tree Participants per segment: 32	PROFIBUS - DP-V0 Slave Data transfer: RS 485 Transfer rate: 9,6 kbit/s ... 12 Mbit/s Topology: Line, Tree Participants per segment: 32
UV - self-test	with automatic UV - self-test	without automatic UV - self-test
Ex marking	II 2G Ex db IIC T6 Gb Ta: -40°C - +70°C	II 2G Ex db IIC T6 Gb Ta: -40°C - +70°C
TKZ	80608	80609