

For specific performance characteristics, please refer to the descriptions of the filter types

Air filters

Air filters for separating dust particles from the aspirated air in order to extend the inspection intervals

Article no. **AD-10-1975**



Air filter for TITANUS® Type LF-AD-k

NEW

Filters dirt and dust particles out of the air aspirated by the aspirating smoke detector

Data sheet excerpt:

Operating temperature range	-30 °C to +60 °C
Dimensions (W × H × D)	80 × 85 × 82 mm
Housing material	ABS plastics
Housing color	RAL 7035, Light gray

VPE 1 pc

Performance characteristics:

- Coarse filter for use in standard applications
- Suitable for wall mounting

Article no. **AD-10-1960**



Air filter for TITANUS® Type LF-AD/a

Filters dirt and dust particles out of the air aspirated by the aspirating smoke detector

Data sheet excerpt:

Operating temperature range	-30 °C to +60 °C
Dimensions (W × H × D)	130 × 193 × 95 mm
Housing material	ABS plastics
Housing color	RAL 9018, Papyrus white

VPE 1 pc

Performance characteristics:

- Use in standard applications
- Suitable for wall mounting
- Filters particles from a size of approx. 15 µm
- Filter for separating dust particles such as insects, fibres, hair and pollen

Article no. **AD-10-1963****Air filter for TITANUS®**
Type LF-AD-1/a

Filters dirt and dust particles out of the air aspirated by the aspirating smoke detector

Data sheet excerpt:

Operating temperature range	−30 °C to +60 °C
Dimensions (W × H × D)	130 × 193 × 95 mm
Housing material	ABS plastics
Housing color	RAL 9018, Papyrus white

VPE 1 pc

Performance characteristics:

- Use in standard applications
- Suitable for wall mounting
- Filters particles from a size of approx. 10 µm
- Filter for separating dust particles such as insects, fibres, hair and pollen, paint pigments and finer dusts

Article no. **AD-10-1966****Air filter for TITANUS®**
Type LF-AD-2/a

Filters fine dirt and dust particles out of the air aspirated by the aspirating smoke detector

Data sheet excerpt:

Operating temperature range	−30 °C to +60 °C
Dimensions (W × H × D)	130 × 193 × 95 mm
Housing material	ABS plastics
Housing color	RAL 9018, Papyrus white

VPE 1 pc

Performance characteristics:

- Use in applications with fine particulate contamination
- Suitable for wall mounting
- Filters particles from a size of approx. 5 µm
- Filter for separating particles such as fine particulate matter

Article no. **AD-10-0336**
Filter element
 Type LF-AD-E-k
NEW

Replacement element for air filter type LF-AD-k, consisting of one coarse filter mat

Data sheet excerpt:

Operating temperature range	-30 °C to +60 °C
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VPE	1 set
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Article no. **AD-10-0330**
Filter element
 Type LF-AD-E

Replacement element for air filter type LF-AD, consisting of one fine, one medium and one coarse filter mat each

Data sheet excerpt:

Operating temperature range	-30 °C to +80 °C
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VPE	1 set
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Article no. **AD-10-0335**
Filter element for air filter LF-AD
 Type LF-AD-E_Sonder

Replacement element for air filter type LF-AD-1, consisting of 3 fine filter mats

Data sheet excerpt:

Operating temperature range	-30 °C to +80 °C
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VPE	1 set
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Article no. **AD-10-0332**
Filter element for air filter LF-AD-2
 Type LF-AD-E-2

Replacement element for air filter type LF-AD-2, consisting of one ultra-fine, one medium and one coarse filter mat each

Data sheet excerpt:

Operating temperature range	-30 °C to +80 °C
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VPE	1 set
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For specific performance characteristics, please refer to the descriptions of the filter types

Special filters

Special air filters for separating dust particles from very dusty areas

Data sheet excerpt:

Operating temperature range	-20 °C to +60 °C
Diameter	80 mm

Article no. **AD-10-2000**



Special filter for TITANUS® aspirating smoke detectors Type SF-650

Filters ultra-fine dirt and dust particles out of the air aspirated by the aspirating smoke detector

Data sheet excerpt:

Length	673 mm
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VPE 1 pc

Performance characteristics:

- Use in heavily contaminated areas where longer service lives are required
- Housing resistant to many organic and inorganic chemicals, fuels and hot water
- Filters particles from a size of approx. 1 µm

Article no. **AD-10-2010**



Special filter for TITANUS® aspirating smoke detectors Type SF-400

Filters ultra-fine dirt and dust particles out of the air aspirated by the aspirating smoke detector

Data sheet excerpt:

Length	418 mm
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VPE 1 pc

Performance characteristics:

- Use in heavily contaminated areas
- Housing resistant to many organic and inorganic chemicals, fuels and hot water
- Filters particles from a size of approx. 1 µm

Article no. **AD-10-1920****Filter element
Type SF-650-E****Replacement element for special filter type SF-650****Data sheet excerpt:**

Operating temperature range	-20 °C to +60 °C
Length × diameter	508 × 64 mm
Material	Polypropylene

VPE	1 pc
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Article no. **AD-10-1930****Filter element
Type SF-400-E****Replacement element for special filter type SF-400****Data sheet excerpt:**

Operating temperature range	-20 °C to +60 °C
Length × diameter	254 × 64 mm
Material	Polypropylene

VPE	1 pc
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Detonation flame arresters and accessories**Detonation flame arresters**

Accessories for monitoring rooms in which the formation of explosive gas/air mixtures or vapor/air mixtures is to be expected; for use in TITANUS FUSION®, TITANUS PRO-SENS®, TITANUS PRO-SENS®/net and TITANUS TOP-SENS®

Article no. **01-10-7051****Performance characteristics:**

- EC type-tested
- Incl. transition screw connection on one end for connecting to the air sampling pipe system

**Detonation flame arrester, set
Type EG IIA/a**

For protecting potentially explosive areas from possible ignition of gas/air mixtures or vapor/air mixtures by the aspirating smoke detectors used to monitor these areas

Data sheet excerpt:

Pipe connecting thread	G ¾"
Explosion group	II A
Length × diameter	112 × 80 mm
Gap width	0.7 mm
Flame filter	3-fold
VPE	1 pc

Article no. **01-10-7061****Performance characteristics:**

- EC type-tested
- Incl. transition screw connection on one end for connecting to the air sampling pipe system

**Detonation flame arrester, set
Type EG IIB3/a**

For protecting potentially explosive areas from possible ignition of gas/air mixtures or vapor/air mixtures by the aspirating smoke detectors used to monitor these areas

Data sheet excerpt:

Pipe connecting thread	G ¾"
Explosion group	II B 3
Length × diameter	135 × 80 mm
Gap width	0.5 mm
Flame filter	5-fold
VPE	1 pc

Article no. **01-10-7071****Performance characteristics:**

- EC type-tested
- Incl. two reducing nipples and a transition screw connection for connecting to the air sampling pipe system

**Detonation flame arrester, set
Type EG IIC/a**

For protecting potentially explosive areas from possible ignition of gas/air mixtures or vapor/air mixtures by the aspirating smoke detectors used to monitor these areas

Data sheet excerpt:

Pipe connecting thread	G 1"
Explosion group	II C
Length × diameter	145 × 100 mm
Gap width	0.2 mm
Flame filter	5-fold
VPE	1 pc

Article no. **01-10-9016****Steel air sampling pipe with screw connection
Type R-2525-St**

Pre-assembled air sampling pipe for connecting the detonation flame arrester to the aspirating smoke detector

Data sheet excerpt:

Outer diameter	25 mm
Inner diameter	20 mm
Color	Steel gray
VPE	1 m / unit