

## Datasheet.

Compact ATEX & IECEx certified Ex-Wash Unit

### Features.

- ✓ Certification for **Hazardous Areas** (ATEX & IECEx)
- ✓ Compatible with all SAMCON ExCam Cameras
- ✓ Controllable via selected Cameras (ExCam ...-W)
- ✓ Plug & Play Process Connection
- ✓ Washing Water Supply for 1 Camera

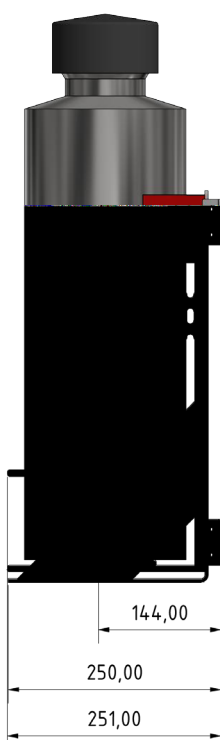
### Zones.

| Group II (Gas & Dust) | ATEX / IECEx |   |   |    |    |
|-----------------------|--------------|---|---|----|----|
| Zone                  | 0            | 1 | 2 | 21 | 22 |
| For use in            | ✗            | ✓ | ✓ | ✓  | ✓  |

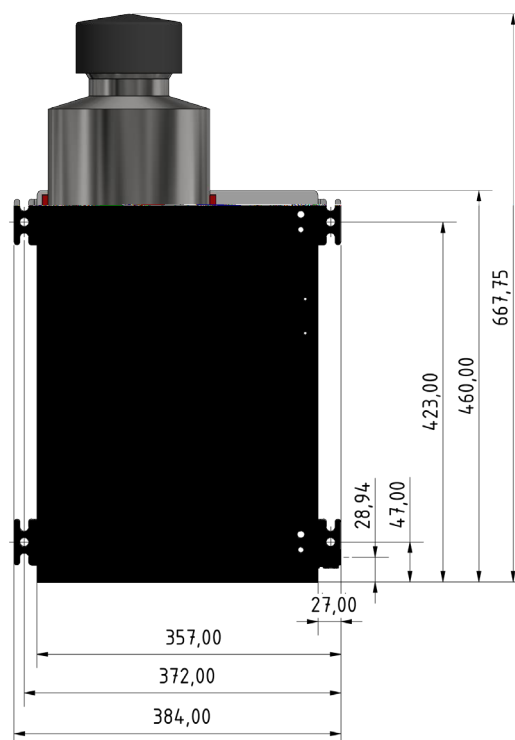
More certificates on request

### Dimensions [mm].

Side View



Front View



### Models.

T05- 1- 24 - XDR -X.N

N = No low temperature valves (-10°C)  
LL = Valves for low temperatures (-30°C)

1DR = 1 watertank

24 = Power supply 24 VDC

1 = 1 x water output for camera

T05 = Type No. 05, Connection Rail



## Data.



### Explosion protection

Declaration of conformity:



Ex- Certificates valve:

Ex- Marking:

Explosion protection (gas):

Explosion protection (dust):

DIN EN/IEC ... 60079-0, DIN EN/IEC ... 60079-1,  
DIN EN/IEC ... 60079-18, DIN EN/IEC ... 60079-31  
EPS 18 ATEX 1 232 X,  
IECEx EPS 18.0110X

II 2G Ex eb mb IIC T4 Gb

II 2D Ex mb tb IIC T130°C Db



### Housing material

Protection level:

Weight:

Stainless Steel (AISI 304L/1.4301)

IP65 (IEC 60529)

15 kg (with tank)

25 kg (with filled tank)



Max. tubing length:

Max. head of water:

$l_{max} = 50 \text{ m}$

$h_{max} = 35 \text{ m (@ 5 bar)}$



### Range of temperature

T05-1-24-1DR-N.N:

T05-1-24-1DR-LL.N:

-10°C bis +55°C

-30°C bis +55°C



### Elektrical characteristics

Power supply:

24 VDC (max. 9W)



### Valve

Coil data:

Clamping range:

Supply line cross section max.:

Pressure min/max:

Fluid temperature range:

AC10-U3-6 PX58 JA13

3G2.5

7-13mm<sup>2</sup> (cable gland)

5 bar ( $\approx 72.5 \text{ psi} \approx 500 \text{ kPa}$ ) (fluid)

-30°C to +80°C (depends on freezing temperature\*\*)

### Tank

Pressure max:

Volume:

Connection:

5 bar (air)

10 liters

Coupling socket NW7.2

### Optional accessories

Cable- and Tube- Kits, ...

cam.Cleaner



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\* = Illustrations show models with tank

\*\* = Only use suitable antifreeze agents (see user manual)