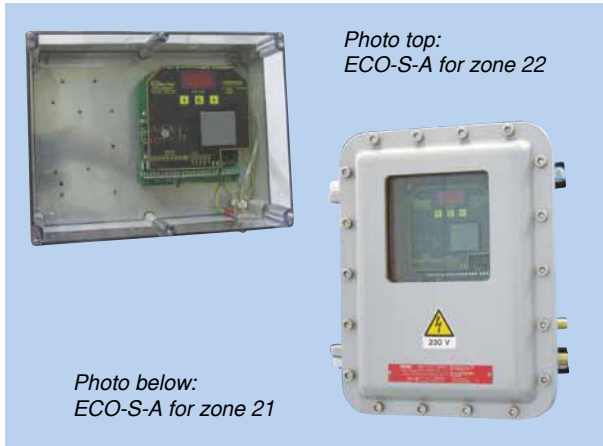


DIFFERENTIAL PRESSURE FILTER CONTROL TYPE ECO-S-A



Setting codes for the digitale display:

| | |
|-----|--|
| L1 | Hour counter |
| L2 | Cycle counter |
| P1 | Break time between valve activation |
| P2 | Valve opening time |
| P3 | After-cleaning time or cycles |
| P4 | After-cleaning activation |
| P5 | Measuring device |
| P6 | Function for after-cleaning |
| P7 | Operation hours / differential pressure operation |
| P8 | Activation of cleaning |
| P9 | Stop of cleaning |
| P10 | Activation of after-cleaning |
| P11 | Activation of relay 1 |
| P12 | Parameter for dust build-up |
| P13 | Value for dust build-up |
| P16 | Selection of function for relay 1 |
| P17 | Function for relay 1 |
| P18 | Value for the function in relay 1 |
| P19 | Break time between valve activation valid for after-cleaning |
| H0 | 0-calibration of differential pressure sensor |

| Type | Item no. | Zone | Number valves |
|-----------|------------|------|---------------|
| ECO-04S-A | 10 953 000 | 22 | Up to 4 |
| ECO-06S-A | 10 953 100 | 22 | Up to 6 |
| ECO-12S-A | 10 953 200 | 22 | Up to 12 |
| ECO-20S-A | 10 953 300 | 22 | Up to 20 |
| ECO-04S-A | 10 954 000 | 21 | Up to 4 |
| ECO-06S-A | 10 954 100 | 21 | Up to 6 |
| ECO-12S-A | 10 954 200 | 21 | Up to 12 |
| ECO-20S-A | 10 954 300 | 21 | Up to 20 |

Filter control type ECO-S-A 4, 6, 12 and 20

Filter control with differential pressure controlled compressed-air cleaning function for ATEX-zones 22 (3D) and 21 (2D) respectively.

- For optimizing energy consumption
- Can be set for pure timer operation
- Easy programming
- Dependable solution
- Hour counter function
- Adjustable after-cleaning modus

Zone 22:

II 3D Ex tc IIIB T90°C IP66 Dc

Zone 21:

II 2D Ex tb IIIC T100°C Db IP66

Technical data:

| | |
|--------------------|-------------------------------|
| Power supply: | 115VAC & 230VAC 50/60Hz |
| Power consumption: | 50W (2 amp.) |
| Output voltage: | 24-115-230VAC / 24VDC |
| Temperature range: | - 10 ± +50°C |
| Visual indicators: | 10,000 Pa |
| Setting: | Keyboard |
| Protection rating: | IP66 |
| dP-control: | Internal dP-sensor |
| Terminals: | 2.5mm ² 250VAC/12A |
| Weight: | 1.6 kg (22) / 6.1 kg (21) |

Input and output:

- Signal output at failure
- Signal input that is used, if control cannot be set for dP modus
- Signals for fan and cleaning