# Command unit
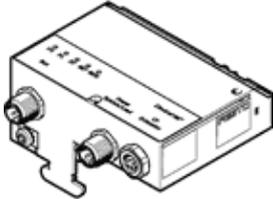## CPASC1-AE32-DN
Part number: 538652
Product to be discontinued

Type to be discontinued. Available until 2014. See Support Portal for alternative products.

**FESTO**

# Data sheet

| Feature | Value |
|---|---|
| Width | 90 mm |
| Height | 54 mm |
| Length | 80 mm |
| CP string extension | 16 inputs<br>8 outputs (or 16 valves) |
| Fieldbus interface | M12x1, 5-pin, A coded |
| Device-specific diagnostics | ConditionMonitoring<br>Missing module in CP string<br>Short-circuit / overload, outputs<br>Short-circuit / overload, inputs<br>Undervoltage, valve terminal (extension)<br>Undervoltage, output module<br>Undervoltage, sensor supply power<br>Undervoltage, valve terminal |
| Communication types | Change of State<br>Explicit Message<br>Polling<br>Strobbed I/O |
| Configuration support | EDS file and graphic symbol |
| Max. number of solenoid coils | 32 |
| Parameters configuring | Configuring interface for modules and system parameters<br>Online in run and program mode<br>In plain text (EDS) |
| Polarity protected | For all operating voltage connections |
| Additional functions | Condition Counter |
| Control elements | DIL switch for setting the CP configuration<br>rotary switch for setting the station number and baud rate |
| Baud rate | 125, 250, 500 kBit/s<br>Adjustment via DIL switch |
| Operating voltage range, DC electronics/sensors | 20.4 … 26.4 V |
| DC operating voltage, load voltage | 20.4 … 26.4 V |
| Nominal DC operating voltage, load voltage | 24 V |
| Power failure buffering | 20 ms |
| Protocol | DeviceNet |
| Residual ripple | 4 Vss |
| Residual ripple, load voltage | 4 Vss |
| Current consumption at nominal operating voltage, load | Depends upon valve type and number of valves |
| Current consumption at nominal operating voltage | Electronics: <= 200 mA<br>Sensor supply power: depends upon sensor |
| CE mark (see declaration of conformity) | to EU directive for EMC |
| Storage temperature | -20 … 50 °C |
| Relative air humidity | 90% at 50° C<br>non-condensing |

**FESTO**

| Feature | Value |
|---|---|
| Protection against direct and indirect contact | PELV |
| Protection class | IP20<br>to IEC 60529 |
| Ambient temperature | -5 ... 50 °C |
| Product weight | 200 g |
| Addressing range | 0 ... 63<br>Setting with rotary switch |
| Electrical isolation, fieldbus interface | Optocoupler |
| Bus-specific LED display | MOD: module status<br>NET: network status |
| Product-specific LED display | PL: load supply<br>PS: electronics supply power, sensor supply power<br>SF: system error |
| Product ID | product type: pneumatic valve (27 dec.)<br>Product code: 5250 dez. |
| Mounting type | Optional<br>with through hole<br>with top-hat rail |
| Materials information, housing | PA-reinforced |