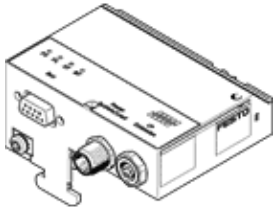


Command unit CPASC1-AE32-DP

Part number: 541918
Product to be discontinued

FESTO

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



Data sheet

| Feature | Value |
|--|---|
| Width | 90 mm |
| Height | 54 mm |
| Length | 80 mm |
| CP string extension | 32 inputs 32 outputs |
| Fieldbus interface | Sub-D, 9-pin, socket |
| Device-specific diagnostics | ConditionMonitoring Missing module in CP string Short-circuit / overload, outputs Short-circuit / overload, inputs Undervoltage, valve terminal (extension) Undervoltage, output module Undervoltage, sensor supply power Undervoltage, valve terminal |
| Communication types | DPV0: cyclical communication |
| Configuration support | EDS file and graphic symbol |
| Max. number of solenoid coils | 32 |
| Parameters configuring | Parametrisation via GSD file |
| Polarity protected | For all operating voltage connections |
| Additional functions | Condition Counter Tool change function |
| Control elements | DIL switch for setting the CP configuration rotary switch for setting the station number and baud rate |
| Baud rate | 9,6 kBit/s ... 12 Mbit/s Automatic detection |
| Operating voltage range, DC electronics/sensors | 20.4 ... 26.4 V |
| Load voltage range DC | 20.4 ... 26.4 V |
| Nominal voltage DC | 24 V |
| Power failure buffering | 20 ms |
| Protocol | Profibus |
| Residual ripple | 4 V _{ss} |
| Residual ripple, load voltage | 4 V _{ss} |
| Current consumption at nominal operating voltage, load | Depends upon valve type and number of valves |
| Current consumption at nominal operating voltage | Electronics: ≤ 200 mA Sensor supply power: depends upon sensor |
| Corrosion resistance classification CRC | 0 |
| Storage temperature | -20 ... 50 °C |
| Relative air humidity | 90% at 50° C non-condensing |
| Protection against direct and indirect contact | PELV |
| Protection class | IP40 to IEC 60529 |
| Ambient temperature | -5 ... 50 °C |

| Feature | Value |
|--|--|
| Product weight | 200 g |
| Addressing range | 0 ... 125 Setting with rotary switch |
| Electrical isolation, fieldbus interface | Optocoupler |
| Bus-specific LED display | BF: Bus-Fault |
| Product-specific LED display | PL: load supply PS: electronics supply power, sensor supply power SF: system error |
| Mounting type | Optional with through hole with top-hat rail |
| Materials information, housing | PA-reinforced |