

# Compact cylinder AEVULQ-1"- -A-P-A

Part number: 160651

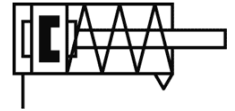
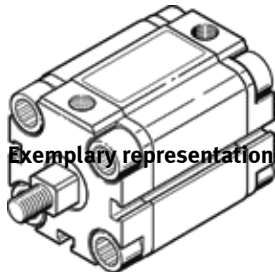
FESTO

For proximity sensing. Secured against rotation by means of square piston rod. Piston-rod end with male thread.

Nut for piston rod thread is included.

This product is only available if ordered from the Festo Corporation, USA.

Type to be discontinued. Available until 2011.



## Data sheet

| Feature                                    | Value  |
|--|--|
| Stroke                                     | 0.2 ... 1 "                                      |
| Piston diameter                            | 1 "  |
| Cushioning                                 | P: Flexible cushioning rings/plates at both ends |
| Mode of operation                          | single-acting<br>pushing action                  |
| Piston-rod end                             | Male thread                                      |
| Protection against torque/guide            | Square piston rod                                |
| Working pressure                           | 14.5 ... 145 Psi                                 |
| Operating medium                           | Filtered compressed air                          |
| Corrosion resistance classification CRC    | 2  |
| Ambient temperature                        | -4 ... 176 °F                                    |
| Theoretical force at 6 bar, advance stroke | 269 N  |
| Moving mass with 0 mm stroke               | 26 g   |
| Additional weight per 10 mm stroke         | 6 g  |
| Basic weight for 0 mm stroke               | 180 g  |
| Additional mass factor per 10 mm of stroke | 59 g   |
| Pneumatic connection                       | UNF10-32   |
| Working pressure [psi]                     | 14.5 ... 145 psi                                 |
| Materials information for cover            | Wrought Aluminum alloy                           |
| Materials information for dynamic seals    | TPE-U(PU)<br>NBR                                 |
| Materials information for piston rod       | High alloy steel, non-corrosive                  |
| Materials information for cylinder barrel  | Wrought Aluminum alloy                           |