

# Compact air cylinder ADN-16-20-A-P-A

Part number: 536222

FESTO



## Data sheet

| Feature                                  | Value  |
|--|--|
| Stroke                                   | 20 mm  |
| Piston diameter                          | 16 mm  |
| Piston rod thread                        | M6   |
| Type code                                | ADN  |
| Cushioning                               | Elastic cushioning rings/pads at both ends                                   |
| Mounting position                        | Any  |
| Conforms to standard                     | ISO 21287  |
| Piston rod end                           | External thread  |
| Position sensing                         | For proximity sensor   |
| Symbol                                   | 00991217   |
| Variants                                 | Piston rod at one end  |
| Operating pressure                       | 1 bar ... 10 bar   |
| Mode of operation                        | Double-acting  |
| Operating medium                         | Compressed air as per ISO 8573-1:2010 [7:4:4]                                |
| Information on operating and pilot media | Operation with oil lubrication possible (required for further use)           |
| Corrosion resistance class (CRC)         | 2 - Moderate corrosion stress  |
| Ambient temperature                      | -20 °C ... 80 °C   |
| Impact energy in the end positions       | 0.15 J   |
| Theoretical force at 6 bar, retracting   | 90 N   |
| Theoretical force at 6 bar, advancing    | 121 N  |
| Moving mass at 0 mm stroke               | 15 g   |
| Additional weight per 10 mm stroke       | 14 g   |
| Basic weight with 0 mm stroke            | 79 g   |
| Additional moving mass per 10 mm stroke  | 4 g  |
| Type of mounting                         | Optionally:<br>With through-hole<br>With accessories<br>With internal thread |
| Pneumatic connection                     | M5   |
| Note on materials                        | RoHS-compliant   |
| Cover material                           | Aluminum<br>Anodized   |
| Seals material                           | TPE-U(PUR)   |
| Piston rod material                      | High-alloy steel   |
| Material of cylinder barrel              | Wrought aluminum alloy<br>Smooth anodized                                    |