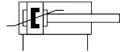
## Compact air cylinder ADN-63-30-A-PPS-A Part number: 572713







## **Data sheet**

| Feature                                  | Value   |
|--|---|
| Stroke                                   | 30 mm   |
| Piston diameter                          | 63 mm   |
| Piston rod thread                        | M12x1.25  |
| Cushioning                               | Self-adjusting pneumatic end-position cushioning                    |
| Mounting position                        | Any   |
| Conforms to standard                     | ISO 21287   |
| Piston rod end                           | External thread   |
| Position sensing                         | For proximity sensor  |
| Variants                                 | Piston rod at one end   |
| Operating pressure                       | 0.1 MPa1 MPa<br>1 bar10 bar   |
| Mode of operation                        | Double-acting 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                                       |
| LABS (PWIS) conformity                   | VDMA24364-B1/B2-L   |
| Ambient temperature                      | -20 °C80 °C   |
| Impact energy in the end positions       | 4.8 J   |
| Cushioning length                        | 7 mm  |
| Theoretical force at 6 bar, retracting   | 1750 N  |
| Theoretical force at 6 bar, advancing    | 1870 N  |
| Moving mass                              | 288 g   |
| Product weight                           | 951 g   |
| Type of mounting                         | Optionally: With through-hole With internal thread With accessories |
| Pneumatic connection                     | G1/8  |
| Note on materials                        | RoHS-compliant  |
| Flange screws material                   | Steel   |
| Cover material                           | Wrought aluminum alloy, anodized                                    |
| Seals material                           | TPE-U(PUR)  |

| Feature                     | Value                                   |
|-----------------------------|---|
| Piston rod material         | High-alloy steel                        |
| Material of cylinder barrel | Wrought aluminum alloy, smooth-anodized |