

# Compact cylinder AEN-S-40-25-I-P-A

Part number: 5149292

FESTO



## Data sheet

| Feature  | Value  |
|--|--|
| Stroke   | 25 mm  |
| Piston diameter  | 40 mm  |
| Cushioning   | Elastic cushioning rings/plates at both ends   |
| Mounting position  | optional   |
| Mode of operation  | Pushing  |
| Piston-rod end   | Female thread  |
| Design   | Piston<br>Piston rod   |
| Position detection   | Via proximity switch   |
| Symbol   | 00991729   |
| Variants   | Piston rod at one end  |
| Operating pressure   | 0.06 MPa ... 1 MPa   |
| Operating pressure   | 0.6 bar ... 10 bar   |
| Operating medium   | Compressed air to ISO 8573-1:2010 [7:4:4]  |
| Note on operating and pilot medium                           | Lubricated operation possible (in which case lubricated operation will always be required) |
| Corrosion resistance class CRC                               | 1 - Low corrosion stress   |
| Ambient temperature  | 0 °C ... 60 °C   |
| Impact energy in end positions                               | 0.7 J  |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke  | 54 N   |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke | 700 N  |
| Moving mass for 0 mm stroke                                  | 62 g   |
| Additional moving mass per 10 mm stroke                      | 9 g  |
| Basic weight for 0 mm stroke                                 | 304 g  |
| Additional weight per 10 mm stroke                           | 45 g   |
| Type of mounting   | Either:<br>With through-hole<br>Via female thread<br>With accessories                      |
| Pneumatic connection   | M5   |
| Note on materials  | RoHS-compliant   |
| Material cover   | Anodised wrought aluminium alloy   |
| Material dynamic seals                                       | TPE-U(PU)  |
| Material housing   | Anodised wrought aluminium alloy   |
| Material piston rod  | High-alloy stainless steel   |