

# Standard cylinder ESNU-8- -P-A-CT

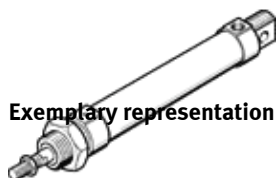
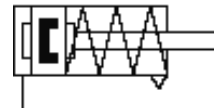
Part number: 170130

FESTO

Based on DIN ISO 6432, for proximity sensing. Various mounting options, with or without additional mounting components. With elastic cushioning rings in the end positions.

A minimum stroke of 10 mm is required for position sensing with proximity sensors.

Products to be discontinued. Available until 2010.



Exemplary representation

## Data sheet

| Feature                                    | Value  |
|--|--|
| Stroke                                     | 10 ... 50 mm                                     |
| Piston diameter                            | 8 mm   |
| Piston rod thread                          | M4   |
| Cushioning                                 | P: Flexible cushioning rings/plates at both ends |
| Assembly position                          | Any  |
| Conforms to standard                       | CETOP RP 52 P<br>ISO 6432                        |
| Piston-rod end                             | Male thread                                      |
| Design structure                           | Piston<br>Piston rod<br>Cylinder barrel          |
| Position detection                         | For proximity sensor                             |
| Variants                                   | Single-ended piston rod                          |
| Operating pressure                         | 1.5 ... 10 bar                                   |
| Mode of operation                          | single-acting<br>pushing action                  |
| Operating medium                           | Dried compressed air, lubricated or unlubricated |
| Corrosion resistance classification CRC    | 2  |
| Ambient temperature                        | -20 ... 80 °C                                    |
| Impact energy in end positions             | 0.03 J   |
| Theoretical force at 6 bar, advance stroke | 24.6 N   |
| Moving mass with 0 mm stroke               | 7.5 g  |
| Additional weight per 10 mm stroke         | 2.4 g  |
| Basic weight for 0 mm stroke               | 35 g   |
| Additional mass factor per 10 mm of stroke | 1 g  |
| Mounting type                              | with accessories                                 |
| Pneumatic connection                       | M5   |
| Materials note                             | Free of copper and PTFE                          |
| Materials information for cover            | Wrought Aluminium alloy<br>neutral anodisation   |
| Materials information for seals            | NBR<br>TPE-U(PU)                                 |
| Materials information for piston rod       | High alloy steel, non-corrosive                  |
| Materials information for cylinder barrel  | High alloy steel, non-corrosive                  |