

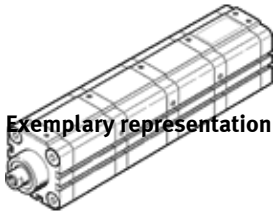
# Tandem cylinder

## ADVUT-100x4- -P-A

Part number: 161146

FESTO

For proximity sensing, piston-rod end with female thread.  
 The flange mounting FUA-... can only be mounted to the end cap end with this product. Nut for piston rod thread is included.  
 Products to be discontinued. Available until 2010.



### Data sheet

| Feature                                    | Value   |
|--|---|
| Stroke                                     | 1 ... 150 mm  |
| Piston diameter                            | 100 mm  |
| Cushioning                                 | P: Flexible cushioning rings/plates at both ends              |
| Assembly position                          | Any   |
| Mode of operation                          | double-acting   |
| Piston-rod end                             | Female thread   |
| Design structure                           | Piston<br>Piston rod<br>Profile barrel                        |
| Position detection                         | For proximity sensor  |
| Operating pressure                         | 1.5 ... 10 bar  |
| Operating medium                           | Dried compressed air, lubricated or unlubricated              |
| Corrosion resistance classification CRC    | 2   |
| Ambient temperature                        | -20 ... 80 °C   |
| Theoretical force at 6 bar, return stroke  | 4,418 N   |
| Theoretical force at 6 bar, advance stroke | 17,966 N  |
| Mounting type                              | Optional<br>with accessories<br>with internal (female) thread |
| Pneumatic connection                       | G1/4  |
| Materials information for cover            | Wrought Aluminium alloy<br>Anodised                           |
| Materials information for seals            | NBR<br>TPE-U(PU)  |
| Materials information, housing             | Wrought Aluminium alloy<br>Smooth anodised                    |
| Materials information for piston rod       | High alloy steel  |