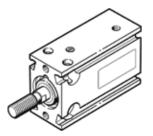
## **compact cylinder EMM-25-5-P-A** Part number: 158627

For proximity sensing, with end position cushioning, numerous mounting options.



## Data sheet

| Feature                                    | Value  |
|--|--|
| Stroke                                     | 5 mm   |
| Piston diameter                            | 25 mm  |
| Cushioning                                 | P: Flexible cushioning rings/plates at both ends                 |
| Assembly position                          | Any  |
| Mode of operation                          | single-acting  |
|  | pushing action   |
| Design structure                           | Piston   |
|  | Piston rod   |
|  | Profile barrel   |
| Position detection                         | For proximity sensor   |
| Variants                                   | Single-ended piston rod  |
| Operating pressure                         | 1.5 10 bar   |
| Operating medium                           | Compressed air in accordance with ISO8573-1:2010 [7:4:4]         |
| Note on operating and pilot medium         | Lubricated operation possible (subsequently required for further |
|  | operation)   |
| Corrosion resistance classification CRC    | 2 - Moderate corrosion stress                                    |
| Ambient temperature                        | -20 80 °C  |
| Tightening torque of the drive mounting    | 8 Nm +10%  |
| Theoretical force at 6 bar                 | 227 N  |
| Theoretical force at 6 bar, advance stroke | 227 N  |
| Mounting type                              | Optional   |
|  | with through hole  |
|  | with internal (female) thread                                    |
| Pneumatic connection                       | M5   |
| Material cover                             | Brass  |
| Material seals                             | TPE-U(PU)  |
| Material housing                           | Wrought Aluminium alloy  |
|  | Anodised   |
| Material piston rod                        | High alloy steel, non-corrosive                                  |

## **FESTO**