

# Pneumatic shock absorber DYEF-M12-Y1F

Part number: 548375

**FESTO**



## Data sheet

| Feature                           | Value                                                               |
|-----------------------------------|---------------------------------------------------------------------|
| Size                              | M12                                                                 |
| Stroke                            | 4.2 mm                                                              |
| Type code                         | DYEF                                                                |
| Cushioning                        | Elastic cushioning rings/pads at both ends with metallic fixed stop |
| Mounting position                 | Any                                                                 |
| Position sensing                  | None                                                                |
| Max. impact velocity              | 0.8 m/s                                                             |
| Corrosion resistance class (CRC)  | 2 - Moderate corrosion stress                                       |
| LABS conformity                   | VDMA24364-B1/B2-L                                                   |
| Ambient temperature               | 0 °C ... 60 °C                                                      |
| Cushioning length                 | 4.2 mm                                                              |
| Max. energy absorption per stroke | 0.12 J                                                              |
| Product weight                    | 39.6 g                                                              |
| Type of mounting                  | With lock nut                                                       |
| Note on materials                 | Free of copper and PTFE<br>RoHS-compliant                           |
| Seals material                    | NBR                                                                 |
| Housing material                  | High-alloy steel                                                    |