

# Spring operated plunger, fine thread

## PDD

## With sensor adaptor

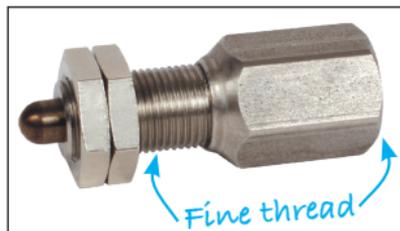
- **Spring plunger with sensor adaptor**
- specially designed for flush fitting inductive proximity sensors.
- Robust, compact design with fine pitch thread
- Switching point is adjusted via the position of the sensor
- Sensitivity of switching point can be adjusted over the entire stroke.

### Materials:

Body and pin: Stainless steel 1.4305

Spring: Stainless steel

Nut: Nickel plated brass (ISO 4035)

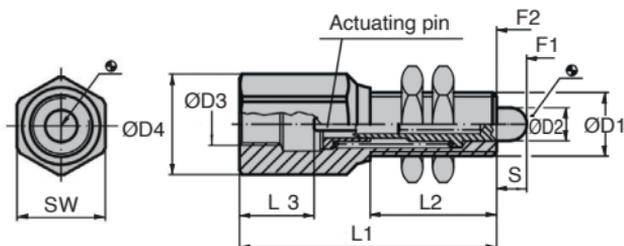


## Application

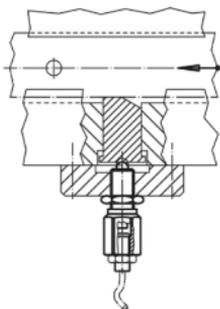
- Positioning with built in position detection

## Info

- Detector not supplied



Typical application



## DISCOUNTS

|            |     |            |     |
|------------|-----|------------|-----|
| Qty        | 1+  | 6+         | 20+ |
| Disc. List | -5% | On request |     |

| Part number   | ØD1   | ØD2 | ØD3   | ØD4  | L1 | L2 | L3   | S   | SW | Pressure F1(N) | Pressure F2(N) | Weight (g) | Price each 1 to 5 |
|---------------|-------|-----|-------|------|----|----|------|-----|----|----------------|----------------|------------|-------------------|
| PDD-M12C-M8C  | M12x1 | 6,2 | M8x1  | 19   | 44 | 20 | 15,5 | 5,6 | 17 | 24             | 41,5           | 57         | 66,29 €           |
| PDD-M16C-M12C | M16x1 | 8,5 | M12x1 | 21,5 | 65 | 32 | 20   | 7,5 | 19 | 32,5           | 65,5           | 103        | 80,11 €           |

Dimensions in mm

# Spring operated plunger

## Non-rotating detector shaft

## PDD

- An actuating plunger suitable for use with a rear mounted detector
- Can be used with any type of detector
- Materials:
  - Body: Burnished steel
  - Spring: Stainless steel
  - Nut: Blackened steel (ISO 4035)
  - Detector shaft: Black nitride steel



### Application

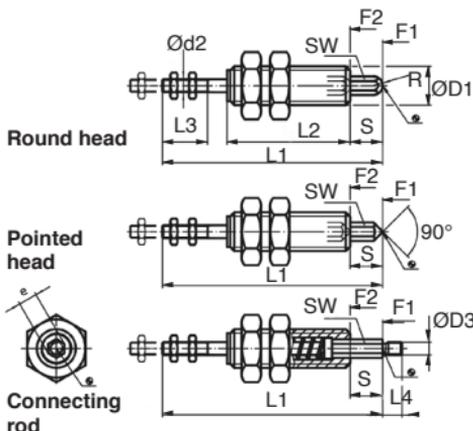
- Plunger for use in tools where detection is required

### Info

- Detector not supplied



Typical application



### DISCOUNTS

| Qty   | 1+   | 6+  | 20+        |
|-------|------|-----|------------|
| Disc. | List | -5% | On request |

| Part number                       | ØD1 | S  | ØD2  | ØD3  | E   | L1 | L2 | L3 | L4 | R    | SW | Pressure |       | Weight (g) | Price each 1 to 5 |
|-----------------------------------|-----|----|------|------|-----|----|----|----|----|------|----|----------|-------|------------|-------------------|
|                                   |     |    |      |      |     |    |    |    |    |      |    | F1(N)    | F2(N) |            |                   |
| <b>With round headed end</b>      |     |    |      |      |     |    |    |    |    |      |    |          |       |            |                   |
| PDD-M8-R                          | M8  | 6  | M2,5 | -    | 3,5 | 50 | 32 | 9  | -  | 1,75 | 3  | 4,1      | 7,6   | 15         | 35,52 €           |
| PDD-M10-R                         | M10 | 8  | M3   | -    | 4,6 | 59 | 35 | 11 | -  | 2,3  | 4  | 5        | 9     | 28         | 36,39 €           |
| PDD-M12-R                         | M12 | 10 | M4   | -    | 5,8 | 68 | 38 | 14 | -  | 2,9  | 5  | 5,1      | 11    | 44         | 37,83 €           |
| PDD-M16-R                         | M16 | 12 | M5   | -    | 6,9 | 78 | 42 | 16 | -  | 3,5  | 6  | 7,5      | 13,8  | 87         | 48,83 €           |
| <b>With pointed end</b>           |     |    |      |      |     |    |    |    |    |      |    |          |       |            |                   |
| PDD-M8-P                          | M8  | 6  | M2,5 | -    | 3,5 | 50 | 32 | 9  | -  | -    | 3  | 4,1      | 7,6   | 14         | 35,52 €           |
| PDD-M10-P                         | M10 | 8  | M3   | -    | 4,6 | 59 | 35 | 11 | -  | -    | 4  | 5        | 9     | 29         | 36,39 €           |
| PDD-M12-P                         | M12 | 10 | M4   | -    | 5,8 | 68 | 38 | 14 | -  | -    | 5  | 5,1      | 11    | 44         | 37,83 €           |
| PDD-M16-P                         | M16 | 12 | M5   | -    | 6,9 | 78 | 42 | 16 | -  | -    | 6  | 7,5      | 13,8  | 88         | 48,83 €           |
| <b>With a threaded connection</b> |     |    |      |      |     |    |    |    |    |      |    |          |       |            |                   |
| PDD-M8-F                          | M8  | 6  | M2,5 | M2,5 | 3,5 | 50 | 32 | 9  | 4  | -    | 3  | 4,1      | 7,6   | 15         | 35,52 €           |
| PDD-M10-F                         | M10 | 8  | M3   | M3   | 4,6 | 59 | 35 | 11 | 5  | -    | 4  | 5        | 9     | 29         | 36,65 €           |
| PDD-M12-F                         | M12 | 10 | M4   | M4   | 5,8 | 68 | 38 | 14 | 6  | -    | 5  | 5,1      | 11    | 44         | 38,12 €           |
| PDD-M16-F                         | M16 | 12 | M5   | M5   | 6,9 | 78 | 42 | 16 | 7  | -    | 6  | 7,5      | 13,8  | 89         | 48,83 €           |

Dimensions in mm