### FOR "T" GROOVE CYLINDERS

<table>
<thead>
<tr>
<th>CYLINDERS</th>
<th>Leaflet</th>
<th>cylinder Ø</th>
<th>CODE FASTENING KIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>- PEC</td>
<td>449</td>
<td>P226</td>
<td>32 ... 100</td>
</tr>
<tr>
<td>- PES 453</td>
<td>453</td>
<td>P229</td>
<td>32 ... 100</td>
</tr>
<tr>
<td>- PES Ø</td>
<td>453</td>
<td>P234</td>
<td>32 ... 80</td>
</tr>
<tr>
<td>- CSC</td>
<td>-</td>
<td>P226B</td>
<td>20 ... 80</td>
</tr>
<tr>
<td>- CGT</td>
<td>-</td>
<td>-</td>
<td>16 ... 63</td>
</tr>
</tbody>
</table>

(1) Fastening mini-kit (special nut + screw) supplied with detectors.

### FOR SWALLOW TAIL GROOVE CYLINDERS

<table>
<thead>
<tr>
<th>CYLINDERS</th>
<th>Leaflet</th>
<th>cylinder Ø</th>
<th>CODE FASTENING KIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>- K</td>
<td>441</td>
<td>P215</td>
<td>8 ... 16</td>
</tr>
<tr>
<td>- P2L - P2B</td>
<td>447</td>
<td>P275</td>
<td>16 ... 32</td>
</tr>
<tr>
<td>- PES 453</td>
<td>453</td>
<td>P229</td>
<td>32 ... 100</td>
</tr>
</tbody>
</table>

### FOR PROFILED BARREL CYLINDERS

<table>
<thead>
<tr>
<th>CYLINDERS</th>
<th>Leaflet</th>
<th>cylinder Ø</th>
<th>CODE FASTENING KIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>- PES 450</td>
<td>450</td>
<td>P230</td>
<td>N199-1047</td>
</tr>
<tr>
<td></td>
<td></td>
<td>32-40</td>
<td>N199-1048</td>
</tr>
<tr>
<td></td>
<td></td>
<td>50-63</td>
<td>N199-1049</td>
</tr>
<tr>
<td></td>
<td></td>
<td>80-100</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>125</td>
<td></td>
</tr>
</tbody>
</table>

NOTE: K cylinders Ø 8 - 12 mm : 2 grooves «T» and 1 swallow tail grooves
Ø 16 - 100 mm : 3 grooves «T» and 1 swallow tail grooves

In order to control the max. end of cylinder stroke, the detectors must be mounted in the following direction:

- **PEC cylinder:**
  - Ø32-40: cable oriented towards the middle of the cylinder
  - Ø50-100: any position

- **PES 453 cylinder:**
  - Ø32-40: cable oriented towards the middle of the cylinder
  - Ø50-100: any position

- **PEC cylinders**
  - Ø 32 : 3 grooves «T»
  - Ø 40 mm : 4 grooves «T»
  - Ø 50 mm : 5 grooves «T»
  - Ø 63-100 mm : 4 grooves «T»

NOTA:

- PEC cylinders Ø 32: 3 grooves «T» and 1 swallow tail grooves
- PEC cylinders Ø 40 mm: 4 grooves «T» and 1 swallow tail grooves
- PEC cylinders Ø 50 mm: 5 grooves «T» and 1 swallow tail grooves
- PEC cylinders Ø 63-100 mm: 4 grooves «T» and 4 swallow tail grooves

In order to control the max. end of cylinder stroke, the detectors must be mounted in the following direction:

- **PEC cylinder:**
  - Ø32-40: cable oriented towards the middle of the cylinder
  - Ø50-100: any position

- **PES 453 cylinder:**
  - Ø32-40: cable oriented towards the middle of the cylinder
  - Ø50-100: any position

- **PES 453 cylinders Ø 32**
  - Ø 32-40: cable oriented towards the middle of the cylinder
  - Ø 40 mm: any position
  - Ø 50 mm: any position
  - Ø 63-100 mm: 4 grooves «T»

- **K cylinders Ø 8 - 12 mm**
  - Ø 8 - 12 mm: 2 grooves en 1 et 2
  - Ø 16 - 100 mm: 3 grooves en 1,2 et 3

- **K cylinder:**
  - Ø8-10-12: cable oriented towards the middle of the cylinder
  - Ø16 front cover: any position
  - Ø16 rear cover: cable oriented towards the middle of the cylinder

- **P2B/P2L cylinders**
  - any position

- **PES 453 cylinder:**
  - Ø32-40: cable oriented towards the middle of the cylinder
  - Ø50-100: any position

- **PES 453 cylinder Ø 32:**
  - Ø32-40: cable oriented towards the middle of the cylinder
  - Ø40 mm: any position
  - Ø50 mm: any position

- **PES 453 cylinder Ø 50 mm:**
  - Ø50-100: any position

- **PES 453 cylinder Ø 63-100 mm:**
  - Ø63-100 mm: 4 grooves «T»

In order to control the max. end of cylinder stroke, the detectors must be mounted in the following direction:

- **K cylinder:**
  - Ø8-10-12: cable oriented towards the middle of the cylinder
  - Ø16 front cover: any position
  - Ø16 rear cover: cable oriented towards the middle of the cylinder

- **K cylinder Ø 8 - 12 mm:**
  - Ø 8 - 12 mm: 2 grooves en 1 et 2
  - Ø 16 - 100 mm: 3 grooves en 1,2 et 3

- **K cylinder Ø 8 - 12 mm:**
  - Ø 8 - 12 mm: 2 grooves en 1 et 2
  - Ø 16 - 100 mm: 3 grooves en 1,2 et 3

- **K cylinder Ø 16 - 100 mm:**
  - Ø 16 - 100 mm: 3 grooves en 1,2 et 3

- **K cylinder Ø 50 mm:**
  - Ø 50 mm: 5 grooves «T»

- **K cylinder Ø 16-63 mm:**
  - Ø 16-63 mm: 4 grooves «T»

- **K cylinder Ø 63-100 mm:**
  - Ø 63-100 mm: 4 grooves «T»

- **K cylinder Ø 80-100 mm:**
  - Ø 80-100 mm: 4 grooves «T»

It is possible to mount additional magnetic detectors for intermediate position indication.

In order to fasten the detector with its electric outlet to the rear, mount the detector + the mounting bracket.

The detectors can be mounted on any one of the 4 bosses.

All leaflets are available on: www.asconumatics.eu
On all diameters, it is possible to mount the detector with its electrical outlet facing towards the cylinder barrel (in order to be able to control the max. end of travel of the cylinder).

In order to fasten the detector on cylinder diameters 25 to 63 with its electrical outlet facing towards the cylinder ends, rotate the detector + collar unit by 180°.

The detectors can be mounted on any one of the 4 tie rods.

It is possible to mount magnetic detectors for intermediate position indication: mounting by collar

Ø 8-20 : any position.
Ø 25-63 : cable oriented towards the cylinder ends

On all diameters, it is possible to mount the detector with its electrical outlet facing towards the cylinder barrel (in order to be able to control the max. end of travel of the cylinder).

In order to fasten the detector on cylinder diameters 25 to 63 with its electrical outlet facing towards the cylinder ends, rotate the detector + collar unit by 180°.

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