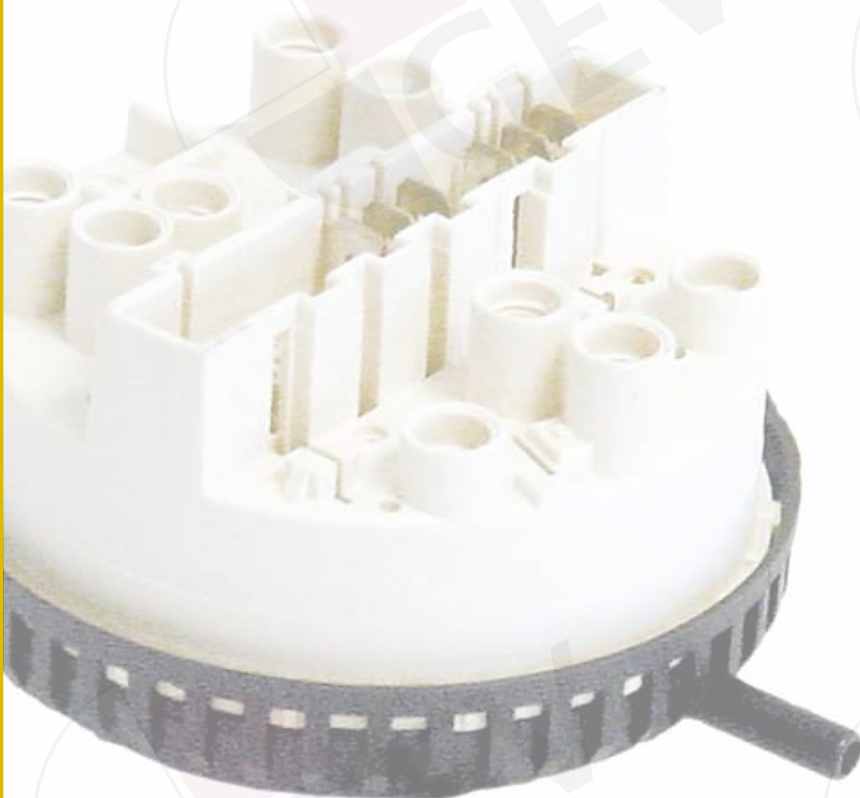


## Pressure switches

|  |          |
|--|----------|
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| <i>Pressure switches for refrigeration</i>                         | page 279 |



## pressure switches for dishwashers

ø 58 mm/6 mm



| fig. | part no. | (mbar) | fig. | part no. | pressure range (mbar) |
|------|----------|--------|------|----------|-----------------------|
| 2    | 541045   | 28/12  | 1    | 541311   | 76/38                 |
| 1    | 541569   | 35/15  | 1    | 541594   | 85/50                 |
| 1    | 541001   | 35/17  | 2    | 541312   | 86/59                 |
| 1    | 541302   | 40/15  | 1    | 541168   | 90/35                 |
| 1    | 541132   | 40/18  | 2    | 541106   | 90/56                 |
| 1    | 541017   | 40/20  | 1    | 541299   | 95/75                 |
| 1    | 541046   | 45/20  | 2    | 541136   | 100/18                |
| 1    | 541039   | 45/25  | 1    | 541008   | 105/60                |
| 1    | 541314   | 46/26  | 2    | 541002   | 110/60                |
| 1    | 541309   | 48/28  | 1    | 541011   | 110/70                |
| 1    | 541005   | 50/10  | 1    | 541102   | 115/15                |
| 1    | 541010   | 50/30  | 2    | 541135   | 115/40                |
| 1    | 541194   | 50/32  | 1    | 541647   | 115/85                |
| 1    | 541593   | 50/35  | 1    | 541142   | 123/75                |
| 1    | 541013   | 55/20  | 2    | 541166   | 140/110               |
| 2    | 541159   | 55/25  | 2    | 541324   | 150/75                |
| 1    | 541140   | 55/30  | 2    | 541137   | 155/40                |
| 1    | 541003   | 55/35  | 1    | 541169   | 160/30                |
| 2    | 541326   | 56/25  | 1    | 541539   | 160/50                |
| 1    | 541006   | 60/20  | 1    | 541009   | 160/80                |
| 1    | 541133   | 60/25  | 1    | 541644   | 160/125               |
| 1    | 541165   | 60/30  | 1    | 541103   | 170/140               |
| 1    | 541024   | 60/40  | 1    | 541298   | 170/75                |
| 2    | 541330   | 70/30  | 1    | 541105   | 180/70                |
| 1    | 541019   | 70/30  | 1    | 541023   | 190/80                |
| 1    | 541170   | 70/30  | 1    | 541161   | 205/95                |
| 1    | 541012   | 70/40  | 1    | 541331   | 225/70                |
| 1    | 541141   | 75/35  | 1    | 541179   | 240/130               |
| 1    | 541162   | 80/50  | 1    | 541619   | 250/40                |
| 1    | 541577   | 83/33  | 2    | 541313   | 260/30                |
| 1    | 541631   | 75/45  |      |          |                       |

ø 74 mm half-round/6 mm



| no. | part no. | pressure range (mbar) | no. | part no. | pressure range (mbar) |
|-----|----------|-----------------------|-----|----------|-----------------------|
| 1   | 541072   | 55/35                 | 4   | 541066   | 100/60                |
| 2   | 541069   | 85/55                 | 5   | 541076   | 120/60                |
| 3   | 541068   | 105/75                | 6   | 541070   | 160/80                |

ø 45 mm/6 mm



| fig. | part no. | pressure range (mbar) | fig. | part no. | pressure range (mbar) |
|------|----------|-----------------------|------|----------|-----------------------|
| 1    | 541067   | 105/75                | 2    | 541014   | 55/35                 |

ø 78 mm/6 mm



| no. | part no. | pressure range (mbar) |
|-----|----------|-----------------------|
| 1   | 541164   | 50/20                 |
| 2   | 541271   | 70/30<br>100/70       |

ø 58 mm/6 mm with coded plug

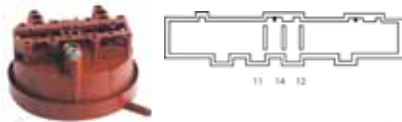


| fig. | part no. | pressure range (mbar) | suitable for | equiv. no |
|------|----------|-----------------------|--------------|-----------|
| 1A   | 541171   | 110/55                | Zanussi      | 49058     |
| 1B   | 541175   | 60/20-110             | Zanussi      | 49881     |
|      | 541178   | 250/130-390           | Zanussi      | 49620     |



| no. | part no. | pressure range (mbar) | no. | part no. | pressure range (mbar) |
|-----|----------|-----------------------|-----|----------|-----------------------|
| 1   | 541146   | 40/15                 | 4   | 541041   | 62/30                 |
| 2   | 541050   | 50/30                 | 5   | 541585   | 85/60                 |
| 3   | 541520   | 55/30                 | 6   | 541145   | 90/25                 |

ø 84 mm/6 mm with coded plug



| no. | part no. | pressure range (mbar) | suitable for | equiv. no |
|-----|----------|-----------------------|--------------|-----------|
| 1   | 541315*  | 35/20                 | Hobart       | 378758-3  |
| 2   | 541319   | 35/20                 | Hobart       | 231981-3  |

\*with gold contacts for electronically controlled equipment

ø 84 mm/6 mm with 2 pressure ranges and coded plug



| no. | part no. | pressure range (mbar) | suitable for | equiv. no |
|-----|----------|-----------------------|--------------|-----------|
| 1   | 541318*  | 35/25<br>80/60        | Hobart       | 378758-6  |
| 2   | 541321   | 35/25<br>80/60        | Hobart       | 231981-6  |

\*with gold contacts for electronically controlled equipment



| no. | part no. | pressure range (mbar) | suitable for | equiv. no          |
|-----|----------|-----------------------|--------------|--------------------|
| 1   | 541297   | 28/13                 | Fagor        | Z403021<br>Z103074 |

ø 84 mm/6 mm with 3 pressure ranges and coded plug



| fig. | part no. | pressure range (mbar)     | suitable for | equiv. no |
|------|----------|---------------------------|--------------|-----------|
| 1    | 541316*  | 40/25<br>57/42<br>125/105 | Hobart       | 378758-4  |
| 2    | 541320   | 40/25<br>57/37<br>125/105 | Hobart       | 231981-1  |
| 3    | 541317*  | 40/25<br>57/37<br>125/105 | Hobart       | 378760-3  |

\*with gold contacts for electronically controlled equipment

ø 69 mm/6 mm with 2 pressure ranges



| no. | part no. | pressure range (mbar) | suitable for | equiv. no |
|-----|----------|-----------------------|--------------|-----------|
| 1   | 541172   | 60/20<br>110/85       | Zanussi      | 48752     |

ø 78 mm/6 mm with 2 pressure ranges and coded plug



**technical data:**  
switch power: 16A/ 250V

| no. | part no. | pressure range (mbar) | suitable for | equiv. no |
|-----|----------|-----------------------|--------------|-----------|
| 1   | 541332   | 70/40<br>90/70        | Angelo Po    | 32Z2840   |



| no. | part no. | pressure range (mbar)    | suitable for | equiv. no |
|-----|----------|--------------------------|--------------|-----------|
| 1   | 541308   | 50/30<br>50/30<br>110/70 | Comenda      | 130628    |
| 2   | 541007   | 3 points                 | Zanussi      | 46648     |

ø 84 mm/6 mm with 2 pressure ranges and coded plug



| no. | part no. | pressure range    | suitable for | equiv. no      |
|-----|----------|-------------------|--------------|----------------|
| 1   | 541296   | 28/13<br>65/50    | Fagor        |                |
| 2   | 541176   | 60/20<br>110/80   | Zanussi      | 49361<br>48826 |
| 3   | 541177   | 110/55<br>165/135 | Zanussi      | 49081          |
| 4   | 541174   | 2 Punkte          | Zanussi      | 49142          |

## pressure switches for coffee machines and cooking equipment

ø 45 mm



| fig. | part no. | ø connection | switch-off pressure (bar) | reset pressure (bar) | suitable for    | equiv. no     |
|------|----------|--------------|---------------------------|----------------------|-----------------|---------------|
| 1    | 541101   | 10mm         | 0.60                      | 0.40                 | Animo           | 02695         |
| 2    | 541100   | 6mm          | 0.50                      | 0.30                 | Bonamat         | 6.016.015.005 |
| 3    | 541015   | 1/4"         | 0.40                      | 0.36                 | Palux<br>Bremer |               |

ø 38 mm



| no. | part no. | pressure range (bar) | T    | no. | part no. | pressure range (bar) | T    |
|-----|----------|----------------------|------|-----|----------|----------------------|------|
| 1   | 541020   | 0.5-1.2              | 1/4" | 6   | 541153   | 1.2                  | 1/4" |
| 2   | 541340   | 0.9                  | 1/4" | 7   | 541341   | 1.5-4.0              | 1/4" |
| 3   | 541152   | 1.0                  | 1/4" | 8   | 541089   | 0.5-1.2              | 1/8" |
| 4   | 541158   | 1.0-2.5              | 1/4" | 9   | 541155   | 1.0-2.5              | 1/8" |
| 5   | 541151   | 1.1                  | 1/4" | 10  | 541154   | 2.0                  | 1/8" |

ø 38 mm 2-pole



| no. | part no. | pressure range (bar) | T    |
|-----|----------|----------------------|------|
| 1   | 541107   | 1.1                  | 1/4" |



| no. | part no. | pressure range (bar) | T    |
|-----|----------|----------------------|------|
| 1   | 541417   | 0.9-1.7 settable     | 1/4" |
| 2   | 541042   | 1.0-2.8 settable     | 1/4" |



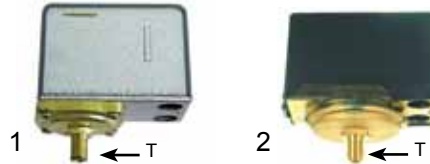
| no. | part no. | pressure range (bar) |
|-----|----------|----------------------|
| 1   | 541930   | 155/125              |

ø 35 mm



| no. | part no. | pressure range (bar) | T    |
|-----|----------|----------------------|------|
| 1   | 541131   | 0.2-6.0 settable     | 1/4" |
| 2   | 541143   | 0.2-6.0 settable     | 1/8" |

3-pole



| fig. | part no. | pressure range (bar) | T    | marque |
|------|----------|----------------------|------|--------|
| 1    | 541021   | 0.5-1.4 settable     | 1/4" | Sirai  |
| 2    | 541453   | 0.5-1.4 settable     | 1/4" | Parker |

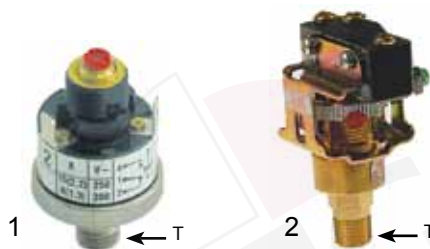
## pressure switches for steam control

ø 45 mm



| no. | part no. | switch-off pressure (bar) | reset pressure | T    |
|-----|----------|---------------------------|----------------|------|
| 1   | 541015   | 0.40                      | 0.36           | 1/4" |
| 2   | 541043   | 0.44                      | 0.38           | 1/4" |
| 3   | 541408   | 0.45                      | 0.30           | 1/4" |
| 4   | 541181   | 0.45                      | 0.40           | 3/8" |
| 5   | 541016   | 0.48                      | 0.43           | 1/4" |
| 6   | 541074   | 0.50                      | 0.35           | 1/8" |
| 7   | 541472*  | 0.60                      | 0.54           | 1/4" |
| 8   | 541342*  | 0.60                      | manual reset   | 1/4" |
| 9   | 541139*  | 0.80                      | 0.65           | 1/4" |
| 10  | 541035*  | 0.90                      | 0.75           | 1/4" |

\* function of manostat



| fig. | part no. | pressure range (bar) | T    |
|------|----------|----------------------|------|
| 1    | 541025   | 0.2-0.9 settable     | 1/4" |
| 2    | 541350   | 0.3-0.8 settable     | 1/4" |

**pressure switches for refrigeration**  
**Ranco**



| fig. | part no. | pressure range (bar) | T          |
|------|----------|----------------------|------------|
| 1    | 541022   | 0.25-4.5 settable    | 1/4" inner |
| 2    | 541377   | 0.1-0.6 settable     | 1/4" inner |
| 3    | 541026   | 0.1-1.1 settable     | 3/8" outer |
|      | 541018   | 0.2-6.0 settable     | 3/8" outer |

**pressure switches for gas equipment**  
**ø 45 mm**



| no. | part no. | pressure range (mbar) | difference | T    |
|-----|----------|-----------------------|------------|------|
| 1   | 541073   | 5-20 settable         | 3 mbar     | 1/4" |
| 2   | 541051   | 10-50 settable        | 3 mbar     | 1/4" |

**differential air pressure switches**

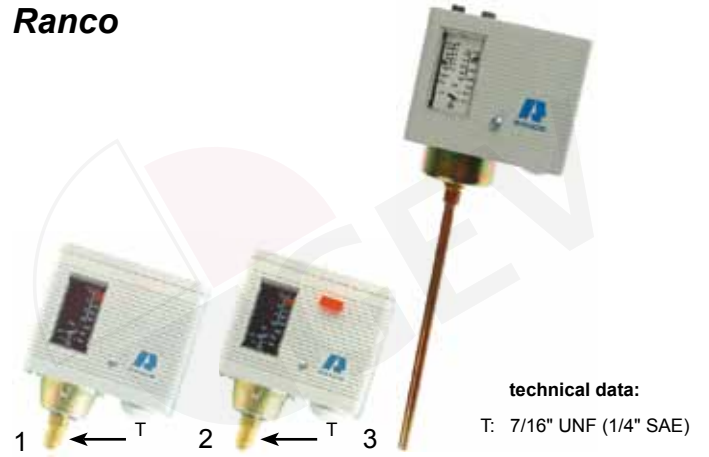


| fig. | part no. | switch-off pressure (mbar) | reset pressure (mbar) | suitable for | equiv. no                        |
|------|----------|----------------------------|-----------------------|--------------|----------------------------------|
| 1    | 541075   | 0.44-0.80 settable         |                       | Zanussi      | 003772                           |
|      | 541348   |                            |                       | Zamolli      | ELET0130                         |
| 2    | 541352   | 150                        | 120                   | Zanussi      | 005746                           |
|      | 541304   |                            |                       | Fagor        | R723004                          |
| 3    | 541111   | 0.2-3.0 settable           |                       | Rational     | 30171003<br>30171006<br>30171010 |

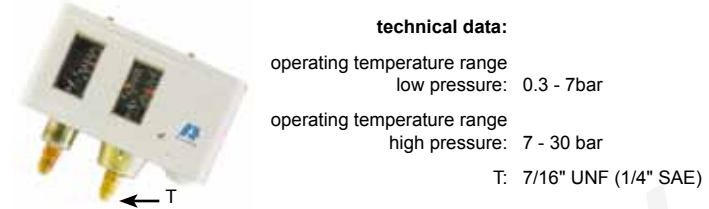
**accessories for pressure switches**



| fig. | part no. | description                              |
|------|----------|--|
| 1    | 541029   | pressure switch bracket                  |
| 2    | 541030   | pressure switch protecting cover ø 45 mm |
| 3    | 541109   | pressure switch Y connector              |



| fig. | part no. | pressure range (bar) | difference (bar) | reset | Ranco no.   |
|------|----------|----------------------|------------------|-------|-------------|
| 1    | 541121   | 0.3-7                | 0.6-4.0          | auto. | 016H6703106 |
| 2    | 541122   | 0.3-7                | 0.6              | man.  | 016H6705106 |
| 1    | 541123   | 7-30                 | 2.5-8.0          | auto. | 016H6750106 |
| 2    | 541124   | 7-30                 | 3.2              | man.  | 016H6751106 |
| 3    | 541478   | 7-30                 | 3-8              | auto. | 016H6763y   |



| no. | part no. | difference in switching |                     | reset |       | Ranco no.   |
|-----|----------|-------------------------|---------------------|-------|-------|-------------|
|     |          | low pressure (bar)      | high pressure (bar) | LP    | HP    |             |
| 1   | 541125   | 0.6-4                   | 3.5                 | auto. | auto. | 017H4701108 |
| 2   | 541126   | 0.6                     | 3.5                 | man.  | man.  | 017H4703108 |
| 3   | 541127   | 0.6-4                   | 3.5                 | auto. | auto. | 017H4705108 |

**Danfoss**



| no. | part no. | operating temperature range (bar) | difference in switching (bar) | reset |    | Danfoss no. |
|-----|----------|-----------------------------------|-------------------------------|-------|----|-------------|
|     |          |                                   |                               | LP    | HP |             |
| 1   | 541462   | 8-32                              | 1.8-6.0                       | auto. |    | KP5 60-1171 |
| 2   | 541463   | 8-32                              | 3 fest                        | man.  |    | KP5 60-1173 |
| 3   | 541467*  | 8-32                              | 4 - 10                        | auto. |    | KP7W60-1190 |
| 4   | 541468*  | 8-32                              | 4 fest                        | man.  |    | KP7B60-1191 |
| 5   | 694092   | 8-32                              | 3 fest                        | man.  |    | KP5 60-5133 |

\*DIN 32733



| no. | part no. | operating temperature range (bar) | difference in switching (bar) | reset |    | Danfoss no. |
|-----|----------|-----------------------------------|-------------------------------|-------|----|-------------|
|     |          |                                   |                               | LP    | HP |             |
| 1   | 541464*  | -0.2 - +7.5                       | 0.7 - 4.0                     | auto. |    | KP1 60-1101 |
| 2   | 541465*  | -0.9 - +7.0                       | 0.7 - 4.0                     | man.  |    | KP1 60-1103 |
| 3   | 541466*  | -0.2 - +5.0                       | 0.7 - 4.0                     | auto. |    | KP2 60-1120 |

\*DIN 32733



**technical data:**

operating temperature range  
 low pressure: -0.2 - +7.5 bar  
 operating temperature range  
 high pressure: 8 - 32 bar  
 T: 7/16" UNF (1/4 SAE)

| no. | part no. | difference in switching |                     | reset |       | Danfoss no.  |
|-----|----------|-------------------------|---------------------|-------|-------|--------------|
|     |          | low pressure (bar)      | high pressure (bar) | LP    | HP    |              |
| 1   | 541469*  | 0.7-4                   | 4                   | auto. | auto. | KP17W60-1275 |
| 2   | 541470*  | 0.7-4                   | 4                   | auto. | man.  | KP17B60-1268 |

\*DIN 32733

## SAGI NO MIYA



**technical data:**

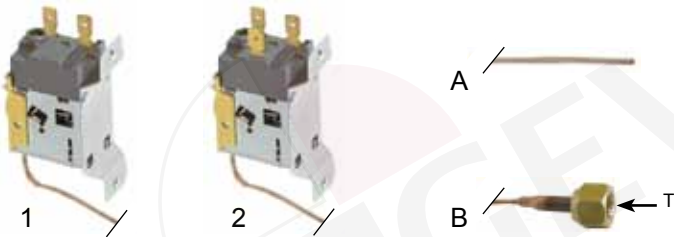
T: 7/16" UNF (1/4 SAE)

| no. | part no. | pressure range (bar) | reset | suitable for | equiv. no |
|-----|----------|----------------------|-------|--------------|-----------|
| 1   | 541115   | 0-6                  | man.  | Scotsman     | 62024800  |

## various



| fig. | part no. | type          | manufacturer     | suitable for | equiv. no  |
|------|----------|---------------|------------------|--------------|------------|
| 1    | 541118   | ACB-DBM2142   | Sagi No Miya     | ITV          | 200334     |
| 2    | 541128   | G63-H3076-000 | Ranco            | ITV          | 300359     |
| 3    | 541604   | P100CA-27     | Johnson Controls | Scotsman     | 1100050121 |
| 4    | 541606   | P100A-49      | Johnson Controls | Scotsman     | 1100050821 |



| fig. | part no. | type       | T                  | suitable for     | equiv. no    |
|------|----------|------------|--------------------|------------------|--------------|
| 1A   | 541114   | HTB-X112   | -                  | Manitowoc<br>Fag | 3416<br>1062 |
|      | 541119   | HTB-X101   | -                  | Simag            | Ziel 005     |
| 2A   | 541120   | HTB-X3028  | -                  | -                | -            |
| 2B   | 541113   | HTB-X3UC28 | 7/16" UNF/1/4" SAE | ITV              | 302683       |
|      | 541112   | HTB-X3UC29 | 7/16UNF/1/4SAE     | ITV              | 302507       |

## Johnson controls



| no. | part no. | type        | reset | suitable for | equiv. no |
|-----|----------|-------------|-------|--------------|-----------|
| 1   | 541116   | P20EA-9950C | auto. | Scotsman     | 620075.00 |
| 2   | 541117   | P20TA-9950T | man.  | Scotsman     | 620231.00 |