



SENSORS: Brake pressure switch

MOTOMETER

powered by solutions

Brake pressure switches are used in vehicles and machines to close or open a contact when a defined pressure is exceeded. Suitable media are air, oil or water.

MOTOMETER brake pressure switches are available in different versions.

Operation is possible with 12 Volt or 24 Volt on-board supply system. Depending on the version, the switching point is between 0.5 bar and 9 bar.

Design variants:

679.001 xxxx opens when the pressure is exceeded
679.003 xxxx opens when the pressure is exceeded

Available only off-earthed:

679.002 xxxx closes when the pressure is exceeded
679.004 xxxx closes when the pressure is exceeded

| Switch-point | Switching-contact | Thread | max. Switching capacity (non-inductive) | max. continuous pressure range | Part No. | identical in construction to |
|---------------------|--------------------------|---------------|--|---------------------------------------|-----------------|-------------------------------------|
| 0.5 +/-0.2 bar | Opener | M12 x 1.5 | 30 W | 10 bar | 679.001.1009 | A 001 545 79 14 |
| 2.7 +/-0.2 bar | Opener | M12 x 1.5 | 30 W | 10 bar | 679.001.1013 | A 002 545 97 14 |
| 4.0 +/-0.2 bar | Opener | M12 x 1.5 | 30 W | 10 bar | 679.001.1002 | A 000 545 47 14 |
| 5.0 +/-0.2 bar | Opener | M12 x 1.5 | 30 W | 10 bar | 679.001.1001 | A 000 545 43 14 |
| 5.0 +/-0.2 bar | Opener | M12 x 1.5 | 30 W | 10 bar | 679.001.1071 | |
| 5.0 +/-0.4 bar | Opener | M12 x 1.5 | 30 W | 10 bar | 679.001.1050 | A 003 545 71 14 |
| 5.5 +/-0.2 bar | Opener | M12 x 1.5 | 30 W | 10 bar | 679.001.1003 | A 000 545 54 14 |
| 5.5 +/-0.4 bar | Opener | M12 x 1.5 | 30 W | 10 bar | 679.001.1068 | A 003 545 89 14 |
| 5.7 +/-0.3 bar | Opener | M12 x 1.5 | 30 W | 10 bar | 679.001.1005 | A 000 545 79 14 |
| 6.0 +/-0.2 bar | Opener | M12 x 1.5 | 30 W | 10 bar | 679.001.1073 | |
| 6.3 +/-0.2 bar | Opener | M12 x 1.5 | 30 W | 10 bar | 679.001.1006 | A 001 545 16 14 |
| 6.3 +/-0.4 bar | Opener | M12 x 1.5 | 30 W | 10 bar | 679.001.1053 | A 003 545 74 14 |

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| Switch-point | Switching-contact | Thread | max. Switching capacity (non-inductive) | max. continuous pressure range | Part No. | identical in construction to |
|----------------|-------------------|-----------|---|--------------------------------|--------------|------------------------------|
| 6.7 +/-0.2 bar | Opener | M12 x 1.5 | 30 W | 10 bar | 679.001.1011 | A 002 545 39 14 |
| 6.8 +/-0.4 bar | Opener | M12 x 1.5 | 30 W | 10 bar | 679.001.1054 | A 003 545 75 14 |
| 6.9 +/-0.2 bar | Opener | M12 x 1.5 | 30 W | 10 bar | 679.001.1016 | A 004 545 63 14 |
| 7.0 +/-0.5 bar | Opener | M12 x 1.5 | 30 W | 10 bar | 679.003.1004 | A 002 545 41 14 |
| 7.2 +/-0.4 bar | Opener | M12 x 1.5 | 30 W | 10 bar | 679.001.1055 | A 003 545 76 14 |
| 8.3 +/-0.4 bar | Opener | M12 x 1.5 | 30 W | 10 bar | 679.001.1063 | A 004 545 00 14 |
| 0.5 +/-0.2 bar | Shutter | M12 x 1.5 | 30 W | 10 bar | 679.002.1010 | A 002 545 50 14 |
| 1.0 +/-0.2 bar | Shutter | M12 x 1.5 | 30 W | 10 bar | 679.002.1005 | A 001 545 41 14 |
| 1.8 +/-0.2 bar | Shutter | M27 x 1.5 | 30 W | 10 bar | 679.006.1001 | A 002 545 45 14 |
| 1.8 +/-0.2 bar | Shutter | M27 x 1.5 | 30 W | 10 bar | 679.006.1011 | A 003 545 25 14 |
| 2.5 +/-0.2 bar | Shutter | M12 x 1.5 | 30 W | 10 bar | 679.002.1004 | A 001 545 57 14 |
| 4.0 +/-0.2 bar | Shutter | M12 x 1.5 | 30 W | 10 bar | 679.002.1003 | A 000 545 91 14 |
| 5.0 +/-0.2 bar | Shutter | M12 x 1.5 | 30 W | 10 bar | 679.002.1002 | A 000 545 75 14 |
| 5.5 +/-0.2 bar | Shutter | M12 x 1.5 | 30 W | 10 bar | 679.002.1009 | A 002 545 09 14 |
| 6.0 +/-0.2 bar | Shutter | M12 x 1.5 | 30 W | 10 bar | 679.002.1007 | A 001 545 99 14 |
| 7.5 +/-0.2 bar | Shutter | M12 x 1.5 | 30 W | 10 bar | 679.002.1012 | A 003 545 11 14 |

All data subject to technical changes.

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