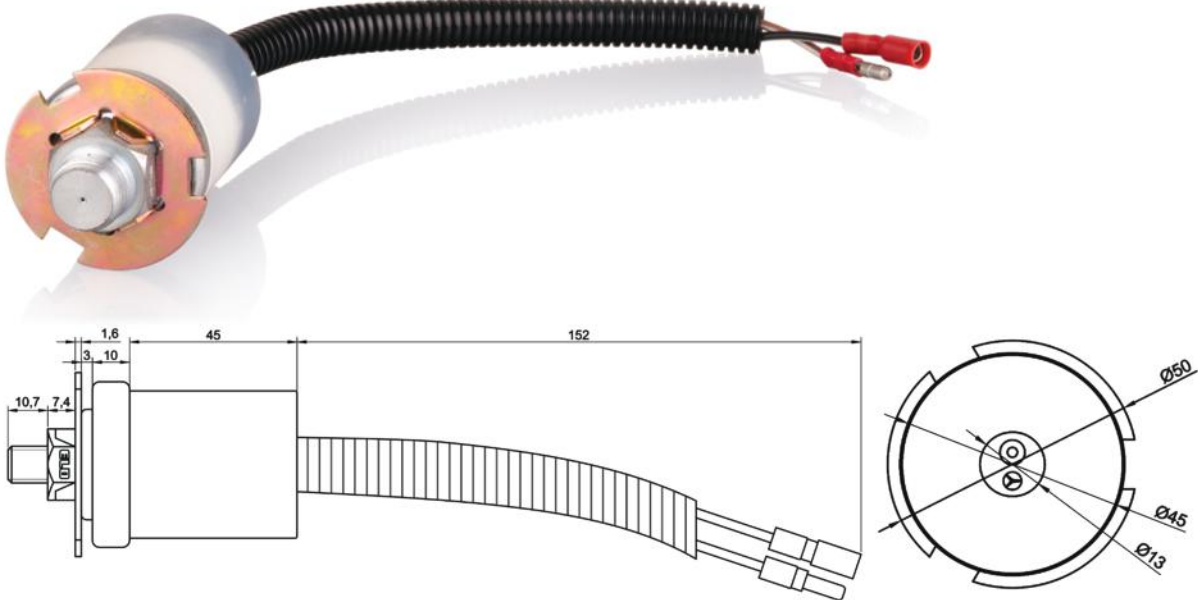


**Oil Pressure Switches - w/ Cable**

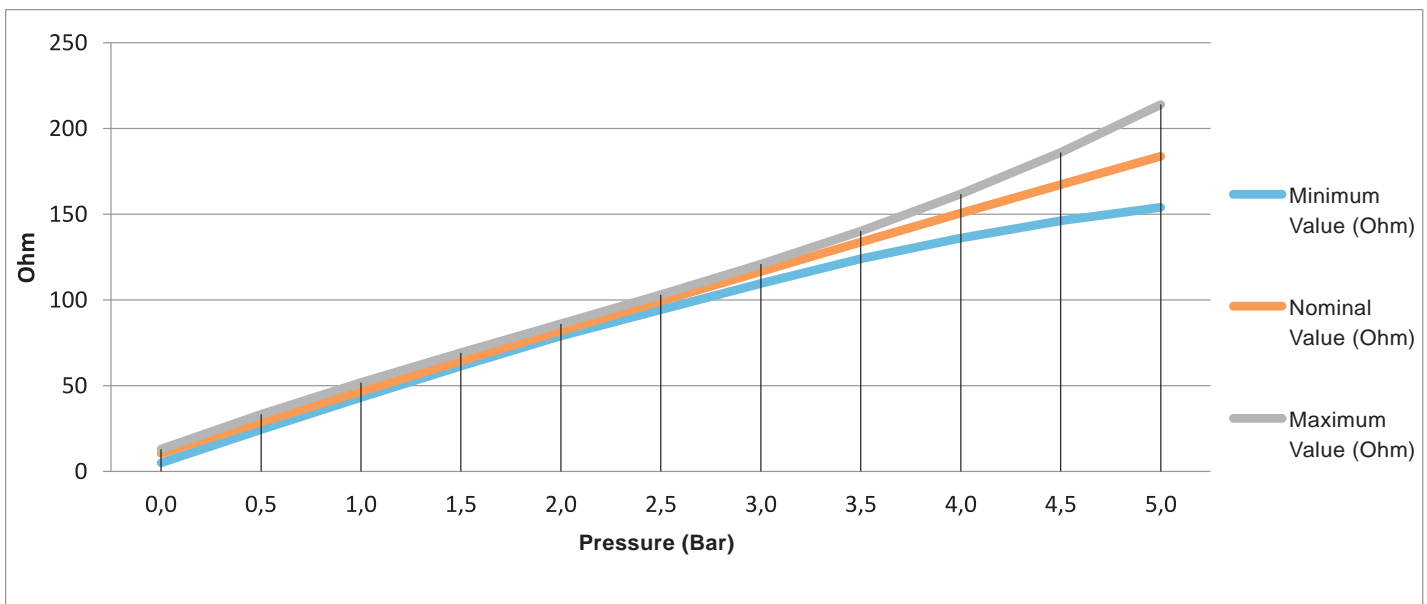
Product Code **206.259.030 - w/ Cable**

**Oil Pressure Switch w/ Cable**



**5 Bar Oil Pressure Switch Characteristic Curve**

| Pressure (Bar) | Minimum Value (Ohm) | Nominal Value (Ohm) | Maximum Value (Ohm) |
|----------------|---------------------|---------------------|---------------------|
| 0,0            | 5                   | 11                  | 13                  |
| 1,0            | 43                  | 47                  | 52                  |
| 2,0            | 79                  | 82                  | 86                  |
| 3,0            | 111                 | 117                 | 121                 |
| 4,0            | 136                 | 151                 | 162                 |
| 5,0            | 154                 | 184                 | 214                 |



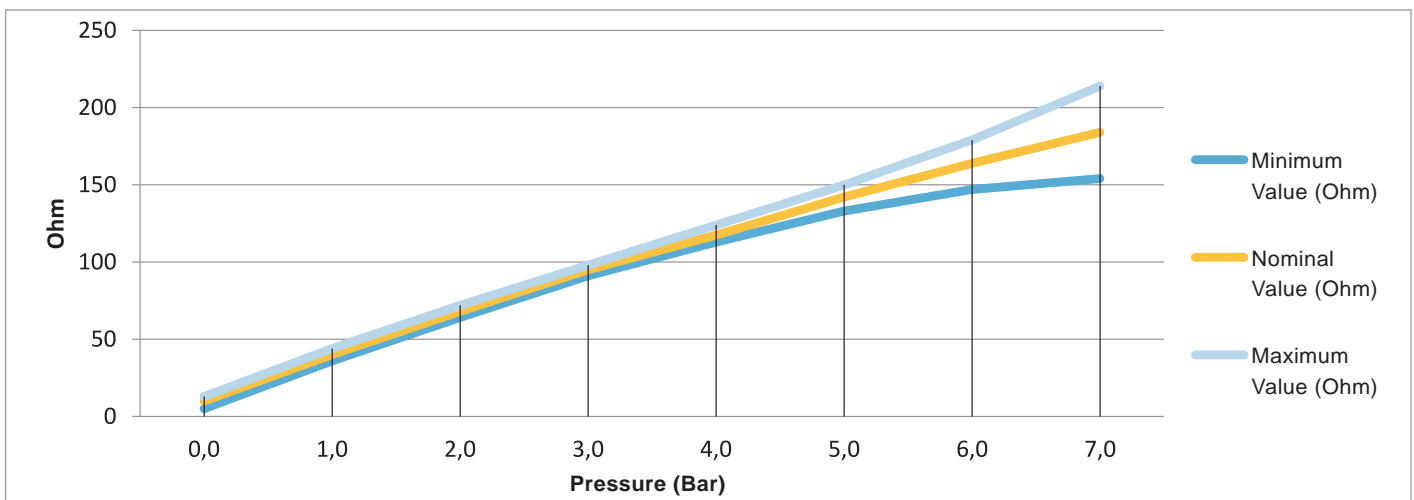
**Oil Pressure Switches - w/ Cable**

**(Cont'd)**

Product Code **206.259.030 - w/ Cable**

**7 Bar Oil Pressure Switch Characteristic Curve**

| Pressure (Bar) | Minimum Value (Ohm) | Nominal Value (Ohm) | Maximum Value (Ohm) |
|----------------|---------------------|---------------------|---------------------|
| 0,0            | 5                   | 10                  | 13                  |
| 1,0            | 36                  | 40                  | 44                  |
| 2,0            | 64                  | 68                  | 72                  |
| 3,0            | 91                  | 95                  | 98                  |
| 4,0            | 115                 | 119                 | 124                 |
| 5,0            | 133                 | 142                 | 150                 |
| 6,0            | 147                 | 164                 | 179                 |
| 7,0            | 154                 | 184                 | 214                 |



**10 Bar Oil Pressure Switch Characteristic Curve**

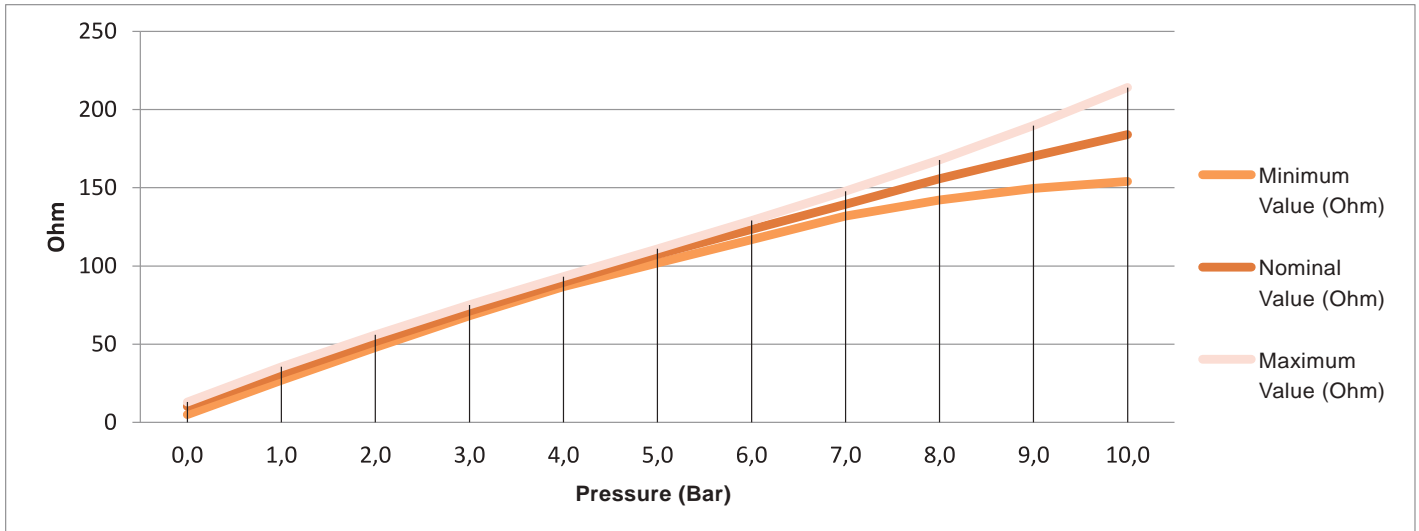
| Pressure (Bar) | Minimum Value (Ohm) | Nominal Value (Ohm) | Maximum Value (Ohm) |
|----------------|---------------------|---------------------|---------------------|
| 0,0            | 5                   | 10                  | 13                  |
| 1,0            | 27                  | 31                  | 35                  |
| 2,0            | 48                  | 52                  | 56                  |
| 3,0            | 68                  | 71                  | 75                  |
| 4,0            | 87                  | 90                  | 93                  |
| 5,0            | 104                 | 107                 | 111                 |
| 6,0            | 119                 | 124                 | 129                 |
| 7,0            | 132                 | 140                 | 148                 |
| 8,0            | 142                 | 156                 | 168                 |
| 9,0            | 150                 | 170                 | 190                 |
| 10,0           | 154                 | 184                 | 214                 |

Oil Pressure Switches - w/ Cable

(Cont'd)

Product Code 206.259.030 - w/ Cable

10 Bar Oil Pressure Switch Characteristic Curve (Cont'd)

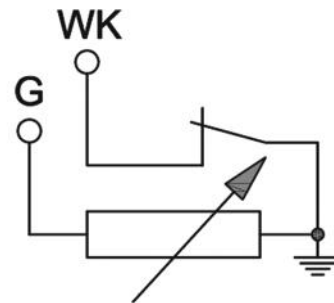


Technical Data


|                                       |   |
|---------------------------------------|---|
| <b>Warning</b>                        | w/ Warning                                    |
| <b>Common Ground/Insulated Return</b> | Common Ground (Insulated Return upon request) |
| <b>Rated Voltage</b>                  | 6 - 24V                                       |
| <b>Over Pressure Safety</b>           | 30 Bar or 50 Bar maximum (<2 sec.)            |
| <b>Resistance Range</b>               | 10 - 184Ω                                     |
| <b>Ambient Temperature</b>            | -25 / +100 °C *                               |

\*Maximum 1 hour above 120 °C on female connectors.

Circuit Diagram



Cross Codes and OEM Part Numbers\*

| Product Code | Measuring Range (Bar) | Warning Contact Point | Thread    | L1 (mm) | L2 (mm) | Connection Type   | VDO Code*        | OEM | OEM Code**      |
|--------------|-----------------------|-----------------------|-----------|---------|---------|---|------------------|-----|-----------------|
| 206.259.030  | 5                     | 0.25 ± 0.15           | M18 x 1.5 | 21      | 12      |  | 360.081.034.004C | MAN | 51..27421..0009 |
|              |                       |                       |           |         |         |   |                  | MAN | 51..27421..0012 |
|              |                       |                       |           |         |         |   |                  | MAN | 51..27421..0014 |
|              |                       |                       |           |         |         |   |                  | MAN | 51..27421..7003 |
|              |                       |                       |           |         |         |   |                  | MAN | 51..27421..7004 |
|              |                       |                       |           |         |         |   |                  | MAN | 81..27421..0037 |
|              |                       |                       |           |         |         |   |                  | MAN | 81..27421..0088 |
|              |                       |                       |           |         |         |   |                  | MAN | 81..27421..0089 |
| MAN          | 81..27421..6004       |                       |           |         |         |   |                  |     |                 |

\* The products on the cross codes list are in accordance with measuring range (bar), thread size, connection type, L1 and L2 size compatibility. Other technical information may vary.

\*\* OEM part numbers listed are compiled from the information provided by the Original Equipment Manufacturers, open and restricted access third party sources.