

# Endress+Hauser Pressure switch PTC31B-AA8M1PGBWBJA

**Pressure switch with ceramic sensor for safe measurement and monitoring of absolute and gauge pressure.**



Picture for reference only. Product appearance may vary based on configuration

The Ceraphant PTC31B is a pressure switch with ceramic, vacuum tight measuring cell for safe measurement and monitoring of absolute and gauge pressure. The pressure switch with compact design is extremely stable and high vacuum resistant up to 0bar abs. The IO-Link capability allows easy integration and parametrization of the device.

- Easy function check and information on site thanks to LEDs and digital display
- High process availability for vacuum applications and applications with abrasive media
- IO-Link reduces costs and complexity due to easy configuration and flexible integration in all fieldbus systems.

## Configuration of PTC31B-AA8M1PGBWBJA:

|                        |     |                                                         |
|------------------------|-----|---------------------------------------------------------|
| Approval:              | AA  | Non-hazardous area                                      |
| Output:                | 8   | 2x PNP, IO-Link, 4-wire                                 |
| Electrical Connection: | M   | Plug M12, IP65/67 NEMA Type 4X Encl.                    |
| Sensor Range:          | 1P  | 10bar/1MPa/150psi gauge, overload:<br>40bar/4MPa/600psi |
| Reference Accuracy:    | G   | Standard 0.5%                                           |
| Calibration; Unit:     | B   | Sensor range; mbar/bar                                  |
| Process Connection:    | WBJ | Thread ISO228 G1/2 EN837, 316L                          |
| Seal:                  | A   | FKM                                                     |

Alternative part number: PTC31B-5XK7/0