Pressure in the oil-filled transformers is a very important parameter to determine signs of decreased performance or upcoming failure. Moreover, in case of a high pressure situation, it is fundamental to limit and contain the effect of hot oil evacuation in the surrounding environment.

Comem ePRD is a fundamental device for oil-filled transformers equipped with oil conservator because it provides a continuous monitoring of the internal pressure at any time. It discharges pressure in a very short time – milliseconds – when an accidental, sudden and uncontrolled increase in pressure creates the danger of explosion. In order to have a perfect sealing in all conditions, Comem ePRD is equipped with two gaskets: a specially-shaped upper gasket and a lip seal. Switches are protected from foreign bodies, vandalism and severe ambient conditions.
**Benefits:**

- Continuous internal pressure monitoring
- Analog output 4-20mA
- Modbus RTU
- Spring outside of the transformer's lid
- Visual indicator of operating status
- Bleed screw

- Environmental friendly
- Dedicated duct prevents hot oil drop in the environment
- Wide setting pressure range
- 20÷175 kPa
- IP 65

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**Feature** | **Comem ePRD**
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**Housing** | Aluminum alloy
**RAL** | 7032
**Environment temperature** | 
- Lower temperature version available upon request
- Indoors and outdoors, tropical proof
- To prevent the formation of condensation
- Off shore protection available upon demand

**Installation** | Seawater resistant cast aluminum, powder coated

**Oil-directed cover** | Nitrile, Viton, HNBR
**Gaskets** | Seawater resistant aluminum, red color and stainless steel stem

**Visual indicator** | Seawater resistant aluminum, red color and stainless steel stem

**Switches** | Up to 3, ChangeOver

**Cable Gland** | M25x1.5 – nickel plate brass

**Degree of protection** | 
- IP65
- IP66 upon request

**Power supply** | 24 VDC +/-10% polarized
**Analog output** | 4-20 mA

**Modbus RTU** | RS485
**Data logger** | “ — ”

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For more information, please contact us:

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