perma NOVA

The first temperature-independent, electrochemical lubrication system

For application areas with high temperature fluctuations

perma NOVA can be used in all application areas between -20 °C and +60 °C / -4 °F to 140 °F. A discharge period from 1 to 12 months can be entered via the setting button on the NOVA Control unit. Taking into account the ambient temperature, the control unit then calculates the required quantity of gas for constant and reliable discharge. perma NOVA consists of a reusable control unit, a NOVA LC filled with grease or oil and a protective cover. NOVA LC is available in sizes of 65 cc / 2.20 oz and 125 cc / 4.23 oz.
perma NOVA was specifically developed for single-point lubrication of roller and sliding bearings, sliding guides, open gears, gear racks, shaft seals and chains located in areas with considerable temperature variations (e.g. outside installations). The lubrication system is protected against dust and water jets, subject to correct assembly of the individual parts (IP 65). perma NOVA with LC 65 cm³ is ideal for the lubrication of electric motors.

**Product characteristics**

**Benefits**

- **Electronic control unit with temperature compensation** shows discharge period/operating status

- **System operates reliably from -20 °C to +60 °C / -4 °F to 140 °F**

- **Ex-proof certification** IP 65

- **Technical data**

  - **Drive – reusable** Electrochemical reaction via gas generating cells with electronic temperature compensation
  - Discharge period 1, 2, 3 ... 12 months
  - Lubricant volume 65 cc or 125 cc / 2.20 oz or 4.23 oz
  - Operating temperature -20 °C to +60 °C / -4 °F to 140 °F
  - Pressure build-up Max. 6 bar / 87 psi
  - Protection class IP 65
  - Standard & special lubricants Greases up to NLGI 2/oils

- **NOVA LC with gas generator and battery**

- **Lubricant** Oil-filled units (PA) have an integrated oil retaining valve (red plug)

- **Dimensions LC 65**: Ø 65 x 101 mm Ø 2.56 x 3.98 Inch

- **Dimensions LC 125**: Ø 65 x 132 mm Ø 2.56 x 5.20 Inch

- **NOVA Control unit** LCD display with setting button (discharge period and function)

- **Dimensions LC 65 or 125**

- **Transport protection and cover against dust and dirt**

- **NOVA Control unit** LCD display with setting button (discharge period and function) 107271

- **Piston**

- **Robust, integrated support flange (PA GF) with R1/4 outside thread**

- **Infographic**: Robust, integrated support flange (PA GF) with R1/4 outside thread

- **Ex-proof certification** IP 65

- **Universal use both in cold areas and at higher temperatures**

- **Safe and reliable lubrication in explosive areas**

- **Increased workplace safety**

- **Temperature compensation permits use with heavily fluctuating ambient temperatures**

- **Simple and safe handling**

- **Reusable NOVA Control unit**

- **Universal use both in cold areas and at higher temperatures**

- **Safe and reliable lubrication in explosive areas**

- **Dust-tight and protected against water jets**

- **Increased workplace safety**

- **Stable threaded connection through integrated support flange**

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