

A PERFECT LUBRICATION SOLUTION FOR ENVIRONMENTS WITH HIGH TEMPERATURE FLUCTUATIONS

Shield TGL is a complete lubrication system for challenging environments, providing the right lubrication to your equipment at the right time.

Shield TGL provides hassle-free lubrication from 1 to 12 months via the digital TGL control unit. It can be used in all application areas from -20°C to +60°C (-4°F to +140°F). Shield TGL takes into account the ambient temperature and then calculates the required quantity of gas for constant and reliable discharge. Shield TGL consists of a reusable control unit, a Shield TGL lubricant cartridge (LC) filled with grease or oil, and a protective cover. Shield TGL is available in two sizes: 65 cc (2.20 oz) and 125 cc (4.23 oz).



APPLICATIONS / MACHINE ELEMENTS

Shield TGL was specifically developed for single-point lubrication on multiple applications, including fin fans, electric motors, pumps and blowers, in areas with considerable temperature variations (e.g., outside installations).

The lubrication system is protected against dust and water jets (IP 65), subject to correct assembly of the individual parts.





ANZEx

IECE_X







PRODUCT CHARACTERISTICS

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

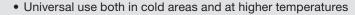
LCD display and push button setting: 1, 2, 3 ... 12 months

System operates reliably from -20°C to +60°C (-4°F to 140°F)

Ex-proof certification IP 65

BENEFITS

- Discharge period setting independent of ambient temperature
- Accelerated pressure build-up for first discharge within one day
- · Simple and safe handling
- · Reusable Shield control unit



- Temperature compensation permits use with heavily fluctuating ambient temperatures
- Safe and reliable lubrication in explosive areas
- Dust-tight and protected against water jets
- Increased workplace safety

Ø 2.56 x 3.98 Inch

Ø 65 x 132 mm Ø 2.65 x 5.20 Inch

Dimensions LC 125:







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





Transport protection and cover against dust and dirt

Shield TGL control unit LCD with setting button (discharge period and function)

Shield TGL LC 65 or 125

