



LUBE
Control

Lube Control Pty Ltd

Perma Futura

For high corrosion, high humidity and high contamination environments

perma FUTURA is a single-point lubricator suited to a range of rolling element and plane bearing applications. perma FUTURA is suited to low to medium speed bearings in wet operating environments. The transparent lubricator body allows inspection of the piston position while the integrated support flange provides protection against damage by accidental impacts.

By tightening the activating screw the gas generator drops into an electrolyte fluid where it starts an electrochemical reaction that generates gas. The accumulation of gas forces the piston forward in a controlled manner, gradually expelling the lubricant under pressure. The progression of the piston can be observed through the transparent body of the lubricator. The lubrication period is indicated by colour-coded activator screws (type 1, type 3, type 6, or type 12) and the average ambient temperature.



Product characteristics

<ul style="list-style-type: none">• Colour coded activators define time settings which cannot be tampered with once activated• Quick start technology reduces delay between activation and lubricant delivery• Economical solution which is simple to implement	<ul style="list-style-type: none">• Transparent lubricator body allows visual inspection of the piston position• Integrated support flange is reinforced with glass and rubber fibres to provide strength while reducing brittleness	<ul style="list-style-type: none">• Pressure build-up to 4 bar allows remote mounting with lines up to 1 meter†• Can be installed on any angle and is dust, corrosion and water proof• Various options for simple remote mounting
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Technical data

Applications	General bearing applications Conveyor pulley bearings and seals
Drive	Electrochemical reaction via gas generator
Discharge period at +20 °C perma MULTI LC 220-2 (SF01)	1, 3, 6...or 12 months
Lubricant volume	120 cm ³
Operating temperature	0 °C to +40 °C
Remote installations	1 meter of 3/8" ID line (grease)†
Pressure build up	Max. 4 bar
Standard & special lubricants	Greases up to NLGI 2 Oils
Dimensions	perma FUTURA: Ø 67 x 111 mm
Outlet	Outside thread 1/4" BSP M
Note	For oil-filled units, also use an oil retaining valve.

Lubricants

SKU	Code	Lubricant
SF01FUTURA	SF01	perma MULTI LC 220-2 grease

† Limits depend on line ID, grease type, temperature and the resistance to flow presented by lubrication point itself. Extending line lengths delays the delivery of first grease and may prevent lubricant delivery altogether

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