

# SHUTDOWN DEVICES - PROFLO® Jr.

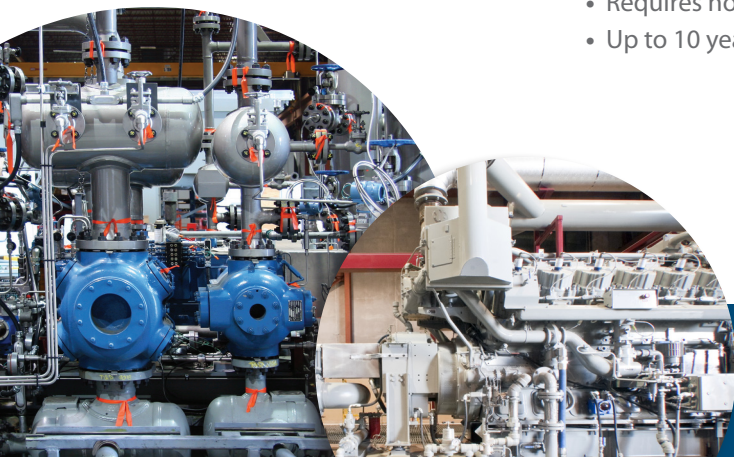
The Proflo® Jr. monitoring device provides shutdown protection for your compressor based on the operation of the cycle times of the divider block system.

If the pump deteriorates or if the lubricant flow slows down, the cycle time of the lube system will fall below the specified alarm time. This will prompt the Proflo® Jr. to change to alarm state and shut down the compressor, preventing damage to the compressor cylinders, pistons, rods and packing.



## FEATURES

- 3.3 volt hermetically sealed high temperature battery, field replaceable
- AC or DC operation, switch rated for 300 VDC and 120 VAC @ 0.5 amps
- Patented sealed magnet assembly, no lost magnets, springs or spacers EVER
- Heavy duty magnet housing eliminates possibility of failure caused by bending
- Proximity switch output is standard with every unit
- Hall effect activated
- For CPI HP/XD/DropsA™/Trabon®/SB/Lincoln divider block/valve applications
- Blinking LED cycle indication
- Monitors movement of divider block piston for "timed" shutdown protection
- Closed loop or open loop operation
- Requires no external power
- Up to 10 year battery life, 5 year battery warranty



Proven Solutions for the Global Compression Industry™

## TECHNICAL SPECIFICATIONS

<b>ALARM TIME</b>	2 Minutes
<b>MATERIAL</b>	Aluminum Housing
<b>TEMPERATURE RANGE</b>	-40°F to 185°F
<b>SWITCH RATING</b>	0.5A/300 VDC
<b>EPOXY ENCAPSULATED</b>	Resin Labs EP1295
<b>POWER</b>	Field Replaceable Battery

## RATINGS

### Explosion-proof

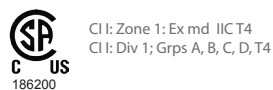
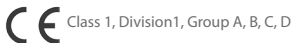
CSA Certified

CE Certified

KEMA 00ATEX1090 X AMB. -40°C to +85°C

Class 1, Division 1, Group A, B, C, D, and T4

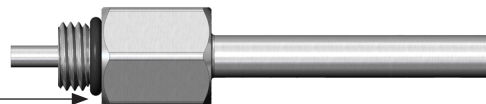
### Certifications:



KEMA 00ATEX1090 X Amb. -40°C...+80°C

### Magnet Assemblies

SBCO & Trabon\*  
O-Ring Seal  
7/16" - 20



Lincoln  
O-Ring Seal  
Extended Nose  
7/16" - 20



DropsA  
No Gasket  
Raised Shoulder



\*For use on CPI HP+ and XD+ Divider Blocks

### Proflo® Jr. Models with Magnet Assembly

PART NO.	DESCRIPTION
650040000PFJRT	Proflo® Jr. with Magnet Assembly (Trabon)
650040000PFJRD	Proflo® Jr with Magnet Assembly (DropsA)
650040000PFJRL	Proflo® Jr with Magnet Assembly (Lincoln)

### Replacement Proflo® Jr Components

PART NO.	DESCRIPTION
65004000PFJRTMA	Proflo® Jr Magnet Assembly (Trabon)
65004000PFJRDMA	Proflo® Jr Magnet Assembly (DropsA)
65004000PFJRLMA	Proflo® Jr Magnet Assembly (Lincoln)
650140000PFJRBK	Proflo® Jr Replacement Battery
6500400PF1JRCPI	Proflo® Jr without Magnet Assembly

DropsA® is a registered trademark of DropsA USA, Inc. Trabon® is a registered trademark of Graco, Inc.