



ARGUS

Manufacturing Intelligent Solutions

SPECIFICATIONS, FEATURES, ADVANTAGES AND BENEFITS OF THE ARGUS PRESSURE SWITCH

PURPOSE: To provide reliable, effective on off control of your artificial lift pump, enhancing environmental protection, personnel safety and reducing pump damage.



SPECIFICATIONS

- (1) CSA Class 1, Division 1, Certified for Hazardous locations, Certificate 1559337 LR105888
- (2) UL 1203, 4th Edition, Explosion proof for Hazardous Locations, Certificate 1559337 LR105888
- (3) UL 508, 17th Edition, Industrial Control Equipment, Certificate 1559337 LR105888
- (4) Manufactured to API Spec Q1, Certificate #Q1-0424
- (5) Meets ANSI/ISA 12.27.01 requirements for Dual Seal of Process Sealing
- (6) Manufactured to ISO 9001, Quality Management System
- (7) Manufactured to ISO 15156 Materials for use in H2S containing environments
- (8) Meets NACE MRO175, Materials for use in H2S containing environments
- (9) Meets CSA C22.2 No.14, Industrial Control Equipment, Certificate 1559337 LR105888



(1) Class 1, Division 1 & 2 Group D, Explosion Proof Rating for Hazardous Locations

ADVANTAGE: Enhances operations safety.

BENEFIT: Compliance with industry regulations and increased operations safety.

(2) 2" NPT Male Process Connection

ADVANTAGE: Rugged oilfield connection designed for the wellhead, less prone to vibration, breakage, and plugging or freezing off.

BENEFIT: Requires less maintenance/calibration and testing. Stands up to oilfield use, greatly reducing the need for replacement due to damage. Enhanced dependability and reliability.

(3) Inconel 718 Diaphragm

ADVANTAGE: Impervious to chemical attack from varied process media.

BENEFIT: Provides long term, dependable, protection of your well and pumping equipment.

(4) External Adjustability

ADVANTAGE: Easy and safe access. Simple adjustment to set points without compromising the explosion proof feature within hazardous locations.

BENEFIT: Enhanced safety in the field.

(5) Temperature Range of -50°F to +400°F (-46°C to 121°C)

ADVANTAGE: Covers a broad temperature range of North American service conditions.

BENEFIT: Meets harsh climate demands for Northern US and Canada.

(6) Broad Pressure Range, 20 psi to 5,000 psi (138 kPa to 34,470 kPa)

ADVANTAGE: Can accommodate a broad range of set points and applications.

BENEFIT: Minimizes the number of models in the field and facilitates low maintenance costs.

(7) Complete Line of Accessories

ADVANTAGE: Provides easy and enhanced installations.

BENEFIT: Makes for consistent applications.

(8) Heightened Accuracy/Repeatability $\pm 1\%$ of Adjustable Range

ADVANTAGE: Consistent more dependable performance.

BENEFIT: Reliable protection and reduced maintenance costs.

(9) Availability Through Local Distribution and Electrical Supply

ADVANTAGE: Readily available from multiple outlets

BENEFIT: Seamless well tie-ins.

(10) Local Service

ADVANTAGE: Lower cost of repair.

BENEFIT: Lesser cost of ownership.