

NANOCHEM® End-Point Detector

Features and Benefits

- **Patented fiber optic end-point detector technology**
- New improved optical sensor technology
- Proprietary glass-to-metal sealing using no polymers
- Easy to see analog LED display on sensor
- Available for AC or DC power operation

Benefits

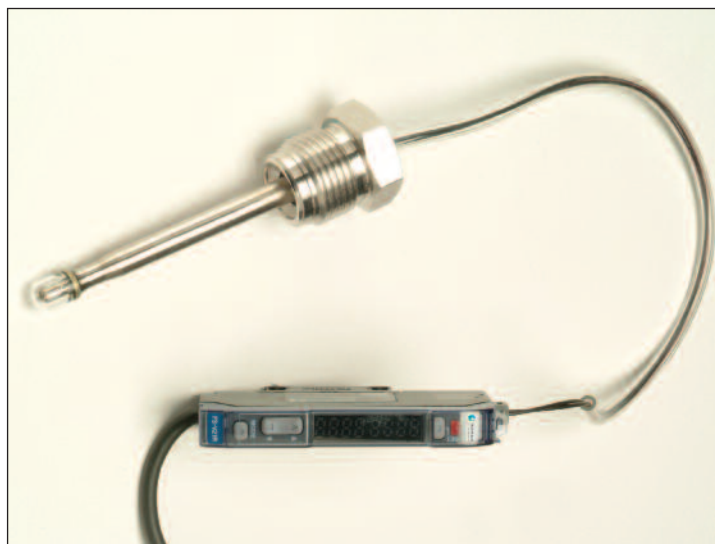
- Alerts the user that purifier media is approximately 75-82% spent
- Prevents unexpected, costly downtime
- Reduces the risk of depleting the purifier in the middle of a production run
- Analog sensor facilitates on-site calibration

Specifications

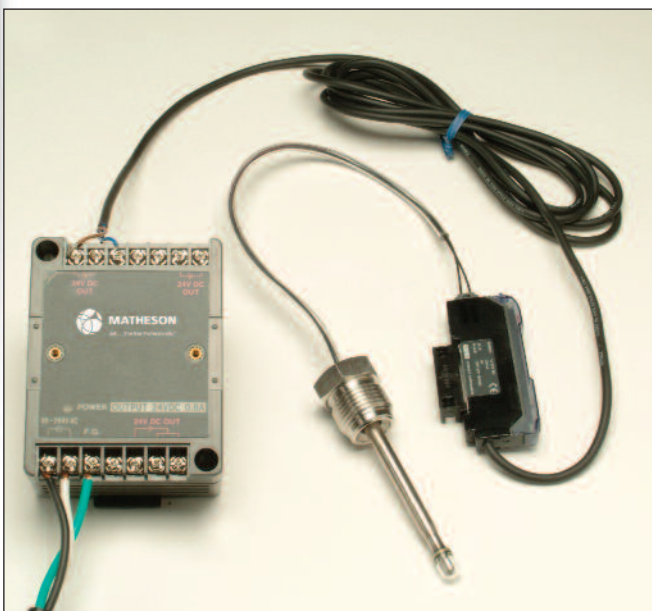
- Pressure rating: 150 psig
- Accepts 12-24 VDC power
- 4 pin AMP CPC 11-4, standard sex connector

Optional AC Power Supply

- Accepts 110 VAC / 60 Hz
- 3 prong grounded plug
- 4 pin AMP CPC 11-4, reverse sex connector



NANOCHEM® DC End-Point Detector Probe and Digital Sensor



NANOCHEM® End-Point Detector with AC Power Supply

End-point detection is available for many gases including those listed below

Gas Type
Ammonia (NH ₃)
Argon (Ar)
Butane (C ₄ H ₁₀)
Carbon Tetrafluoride (CF ₄)
Cyclopropane (C ₃ H ₆)
Dimethyl Ether (CH ₃) ₂ O
Ethane (C ₂ H ₆)
Helium (He)
Hexafluoroethane (C ₂ F ₆)
Hydrogen (H ₂)
Krypton (Kr)
Methane (CH ₄)
Neon (Ne)
Nitrogen (N ₂)
Perfluoropropane (C ₃ F ₈)
Propane (C ₃ H ₈)
Silane (SiH ₄)
Sulfur Hexafluoride (SF ₆)
Xenon (Xe)

Equipment Technology Center

166 Keystone Drive
Montgomeryville, PA 18936
Tel: 800-828-4313 • Fax: 215-619-0458
Email: Info@mathesongas.com

Specifications are subject to change. Please check www.mathesongas.com for most current information.

NANOCHEM is a registered trademark of Matheson Tri-Gas, Inc.
AMP is a registered trademark of AMP Inc.

Printed in USA PB028 R09/2021



MATHESON
The Gas Professionals