

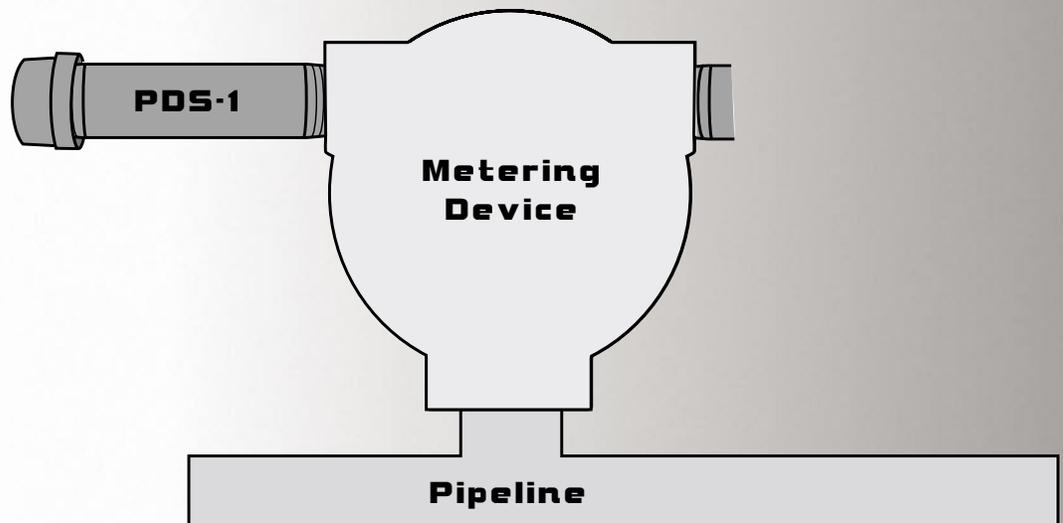
Data Surge Suppression for Industrial Applications

Today's technology involves sensitive electronic equipment which you depend upon for systems reliability. Your valuable electronic systems will experience unpredictable and potentially destructive power quality conditions such as lightning and transients which cost your business maintenance time and equipment replacement. Transtector's pipeline data suppressor units feature our proprietary silicon avalanche suppressor diode (SASD) technology for effective safeguarding and maximized performance of your systems. Your success demands a superior protection solution provided by Transtector Systems.



Applications

- Oil and Gas Sensor
- Water & Waste Water Measurement/Process Control Equipment
- Metering Devices
- Transmitters
- 4-20mA Loop



PDS Series

Advanced Silicon Surge Suppressor for Analog or Digital Signal/Data Lines

TRANSTECTOR



smiths

Features

- Stainless steel conduit coupling with 0.5" NPT threads for direct wire hook ups
- Available in pass through (end to end) wiring or single end
- Rugged gas tube, SASD hybrid circuit for lightning arrestor
- Fits single or dual conduit ports
- Long life, high operational reliability
- Stainless steel construction
- Weatherproof

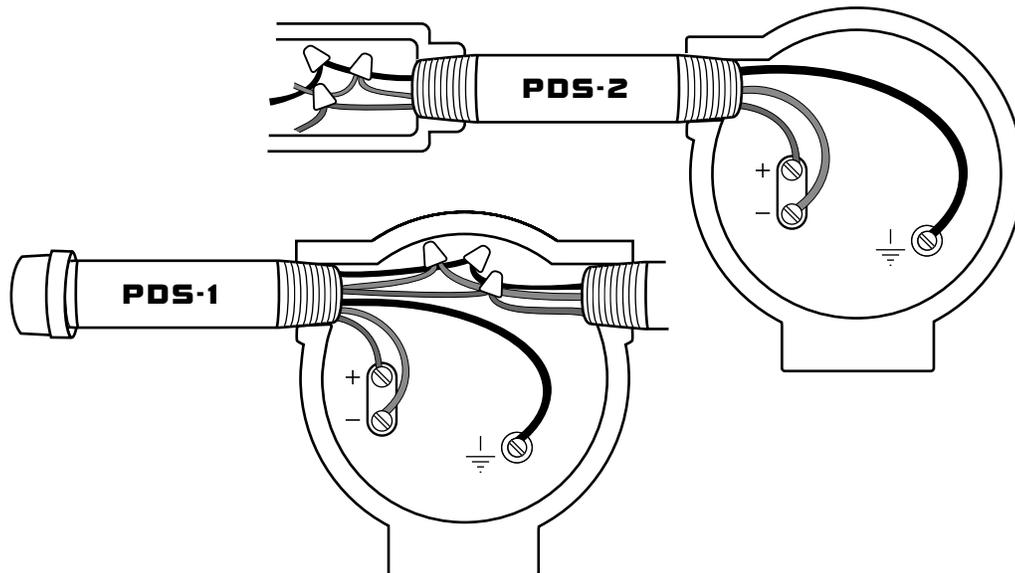
Configurations

Models	PDS-1	PDS-2
Nominal Voltage	24V	
Voltage Protection	32V MOCOV 40V	
Surge Ratings*	8X20 μ s 20kV/10kA	
Frequency	DC/AC	
Operating Temperature	-30° C to +65° C	
Response Time (Max.)	<5 Nanoseconds	
Part Number	PSD-1 1101-586	PDS-2 1101-587

* Peak pulse current @ 10/1000 Waveform @ VPL

Warranty Five (5) year unconditional warranty
Ten (10) year manufacturer warranty

Installation



Dimensions

0.5 "NPT Conduit X 4"
12mm X 102mm LONG



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An ISO 9001:2000 and 14001 Certified Company

TRANSTECTOR[®]
SUPERIOR SURGE SUPPRESSION