

Universal, 4 Magnetostrictive Probe/8 Leak/Point-Level Sensor Input Card for TMS3000/4000 Series Tank Management Systems

Product Description

The 900436-1 4 Magnetostrictive Probe/8 Leak/Point-Level Sensor Input Card provides an economical interface option for the TMS3000 and TMS4000 series Tank Management Systems by combining level gauging and leak detection functions into a single, modular plug-in card. As with all other TMS series interface cards, probe inputs are universal, accepting the entire range of rigid and flexible magnetostrictive probes, and all leak/point level sensor inputs accept the full line of discriminating, non-discriminating and float type leak and point-level sensors. Additionally, all sensor inputs support the TMS series supervised wiring fault detect feature.

Features

- Universal probe inputs accept all MP45x and MP46x series magnetostrictive probes, covering sub-base tank heights from 10"[250mm] to bulk storage tanks up to 70 feet[21.3M].
- Universal sensor inputs accept the full line of Pneumercator electronic discriminating, non-discriminating, resistive and float-type sensors. Supervised wiring fault detect supported.
- Modular, plug-in card format for easy installation and maintenance.
- Can be used in any combination with additional 4-Probe/8-Sensor Input cards, 16-Probe(TMS4000 only) or 16-Sensor Input cards for a total of three cards. See chart below for possible combinations.

Specifications

- Probe Input Capacity: 4, Magnetostrictive
- Probe Compatibility: Rigid – MP450S, MP451S, MP452S
Flexible – MP461S/SC, MP462, MP463, MP464
- Sensor Input Capacity: 8, electronic or mechanical
- Sensor Compatibility: ES825, HS100, LS600, LS600LD, LS610, RSU800
- Operating Temperature: -40 °F to 175 °F (-30 °C to 80 °C)
- Overall Dimensions: 8.6" L x 2" W x 3.25" H (219mm L x 51mm W x 83mm H)
- Weight: 0.75LBS[0.34Kg]



Level Probe/Leak-Point Level Sensor Capacity Options

Probes	Sensors	900436-1(4-Probe/8-Sensor)	900568-1(16-Sensor)	900999-1(16-Probe)*
4	8	1	-	-
4	24	1	1	-
4	40	1	2	-
8	16	2	-	-
8	32	2	1	-
12	24	3	-	-
16*	-	-	-	1*
16*	16	-	1	1*
20*	8	1	-	1*
20*	24	1	1	1*
24*	16	2	-	1*
32*	-	-	-	2*
32*	16	-	1	2*
36*	4	1	-	2*
48*	-	-	-	3*
-	16	-	1	-
-	32	-	2	-
-	48	-	3	-

*TMS4000 Only

70004 - 900436-1 4-Probe and 8-Sensor Input Card Spec Sheet – Rev. A – 9-26-2023
Note: Specifications subject to change without notice.



Pneumercator Company, Inc.
1785 Expressway Drive North
Hauppauge, New York 11788

Tel: (631) 293-8450
Fax: (631) 293-8533
<http://www.pneumercator.com>