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, nondiscriminating 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

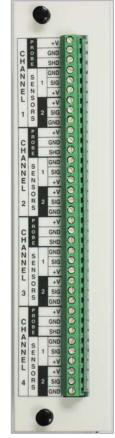
Sensor Compatibility: ES825, HS100, LS600, LS600LD, LS610, RSU800

Operating Temperature: -40 °F to 175 °F (-30 °C to 80 °C)

8.6" L x 2" W x 3.25" H (219mm L x 51mm W x 83mm H) Overall Dimensions:

0.75LBS[0.34Kg] Weight:





Tel: (631) 293-8450

Fax: (631) 293-8533

8 24 40 16 32 24 - 16	900436-1(4-Probe/8-Sensor) 1 1 2 2 3	int Level Sensor Capacity O 900568-1(16-Sensor) - 1 2 - 1 - 1	900999-1(16-Probe)*
24 40 16 32 24	2	- 1	- - - - -
40 16 32 24	2	- 1	- - - -
16 32 24	2	- 1	- - -
32 24 -	2	- 1 -	<u>-</u> -
24	2	1 -	-
-	3	-	
	-		-
16		-	1*
	-	1	1*
8	1	-	1*
24	1	1	1*
16	2	-	1*
-	-	-	2*
16	-	1	2*
4	1	-	2*
-	-	-	3*
16		1	
32	-	2	-
48	-	3	-
3	16 4 - 16 32	16 - 4 1	16 - 1 4 1 - - - - 16 - 1 32 - 2 48 - 3

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

