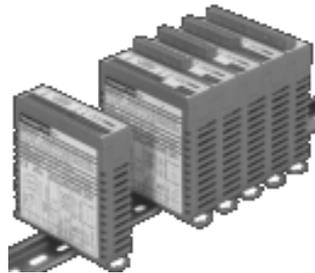


Current / Volt / Pot Two-Wire Transmitter Model DPM-9500 AL



DESCRIPTION

Model DPM-9500 AL

The Model DPM-9500 AL is a miniature space saving DIN rail mount current / volt / potentiometer two-wire transmitter.

The Model DPM-9500 AL accepts standard process inputs of 0(4)-20mA, 0-2V, 0-10V, 0-20V or potentiometer and converts them to a 4-20mA loop powered signal. The Model DPM-9500 AL also has an LED function for indicating the state of the loop (LED intensity indicates the amount of current flowing in the loop). The Model DPM-9500 AL can be ordered with or without the onboard loop power supply option.

FEATURES

- DIN rail mount 92 x 92 x 26 mm enclosure, UL 94 V-0 flame retardant plastic
- Low cost - high performance design
- Accepts standard process inputs of 0(4)-20mA, 0-2V, 0-10V, 0-20V and potentiometer
- LED status for power supply and loop current (intensity is an indication of current flow)
- On board Switch mode power supply (if ordered)
- Reverse voltage protection
- Meets European EMC directive 89/336/EEC & Low Voltage directive 73/23/EEC
- 3 year guarantee

TECHNICAL SPECIFICATION

Input Impedance	100Ω (Current input), 100kΩ (2V input), 1MΩ (5V input), 5MΩ (10V input), 10MΩ (20V input)
Output voltage (if power supply fitted)	24V DC +/- 5%
Current Limit (if power supply fitted)	38mA (Jumper removed), 100mA (jumper installed)
Accuracy	0.1% of full scale
Pot	minimum 1000Ω, maximum 100kΩ
Output load	maximum 500Ω
Volt drop on loop	minimum 12V

ENVIRONMENTAL

Operating temperature range	-10°C to +50°C
Service temperature range	-15°C to +60°C
Storage temperature range	-40°C to +80°C
Humidity	< 85% non-condensing

MECHANICAL SPECIFICATIONS

Dimensions	DIN rail mount 92x92x26mm enclosure, IP40 rating
Protection	Industrial strength, UL 94 V-0 flame retardant ABS plastic

E

Current / Volt / Pot Two-Wire Transmitter Model DPM-9500 AL

Andreas Lang GmbH
 Industrievertretung & Service
 Bahnhofstraße 33
 D - 61137 Schöneck
 Telefon: +49 (0) 6187 88 54
 +49 (0) 6187 88 60
 Telefax: +49 (0) 6187 88 71
 WebSite: www.alanggmbh.de
 E-Mail: info@alanggmbh.de

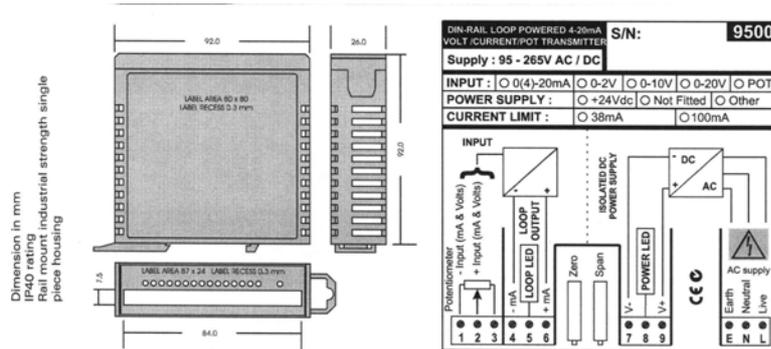
SPECIFICATION & CONNECTION DIAGRAM

REGULATORY COMPLIANCE

Regulatory requirements

Complies with EC Directives 89/336/EEC & 73/23/EEC

HOUSING DIMENSIONS



***** WARNING *****
Switch off unit before opening

JUMPER SETTINGS

Input selection:	mA	:	Link Jumper J15, J16, J17, J18, J19
	mV	:	Link Jumper J14, J15, J16, J17, J19
	2V	:	Link Jumper J13, J14, J15, J16, J17
	10V	:	Link Jumper J12, J14, J15, J16, J17
	20V	:	Link Jumper J11, J14, J15, J16, J17
	Potentiometer	:	Link Jumper J8, J9, J10
On board Power Supply (if ordered):			
Current Limit:	38mA	:	Jumper J8 Removed
	100mA	:	Jumper J8 Installed
Gain settings:			Jumper J4 – Jumper J7

GUARANTEE

This product is guaranteed against faulty workmanship or defective material, for a period of 3 (three) years from date of delivery by Andreas Lang GmbH.

Andreas Lang GmbH undertakes to replace without charge all defective equipment which is returned to it (transportation costs prepaid) during the period of guarantee, provided there is no evidence that the equipment has been abused or mishandled in any way. Andreas Lang GmbH reserves the right to alter any specification without notice.

E

Current / Volt / Pot Two-Wire Transmitter Model DPM-9500 AL

Andreas Lang GmbH
Industrievertretung & Service
Bahnhofstraße 33
D - 61137 Schöneck
Telefon: +49 (0) 6187 88 54
+49 (0) 6187 88 60
Telefax: +49 (0) 6187 88 71
WebSite: www.alanggmbh.de
E-Mail: info@alanggmbh.de