Scanivalve

Model: ES4000
Miniature Ethernet Switch

Features

- Supports up to four (4) or eight (8) MPS4264 miniature pressure scanners
- 9-36Vdc power
- Standard RJ45 uplink port
- 0°C to 70°C operating range

ES4008 and ES4004
Miniature Ethernet switch

General Description

The ES4000 is an unmanaged Ethernet switch to support the Scanivalve MPS4264 series of Ethernet pressure scanners. It is designed specifically to be as small as possible to enable it to be installed in wind tunnel models along side MPS4264 scanners. This allows the user to simply bring a single Ethernet cable from the control network or host computer into the test article. This minimizes test setup time and the number of cables that must pass through the critical, high demand space in the sting. The ES4008 is a 9 port switch, providing support for 8 MPS4264 scanners and a single

'uplink' RJ45 connection back to the host computer or control network. The ES4004 is a 5 port version of similar design.

The aluminum case provides a rugged, reliable package. All connectors, both power and Ethernet are latching to provide reliable connections in high vibration environments. Multiple threaded mounting holes as well as the overall small size and light weight make installation flexible and easy.

Specifications

Dimensions:

ES4004:	2.415 x 1.450 x 1.079
ES4008:	3.3125 x 1.450 x 1.078
	(inches, L x W x H)
Weight:	0.24lbs (110g)
Input Voltage:	9-36Vdc
Power Consumption:	2W, maximum
Ethernet Uplink:	RJ45, 100BaseT

Mating Connectors

Ethernet Uplink: RJ45

Ethernet: TE Connectivity PLG 8P8C Mini2

Power: TE Connectivity PLG 8P8C Mini1

Maximum Ambient Pressure: 100psia
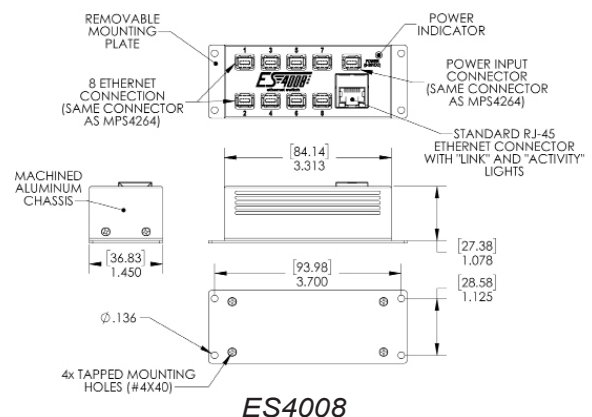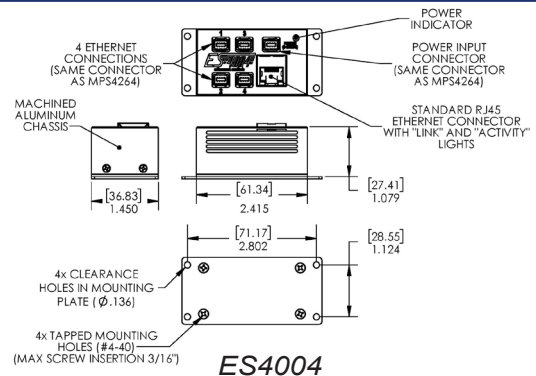
Operating Temperature: 0°C to 70°C

Humidity: 5 to 95% RH, non-condensing

Shock & Vibration: MIL-STD-810G Category 24

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ES4004

ES4008

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