

## Lantech IPES-0005B (IP43)

5 10/100TX PoE at/af Industrial Switch

EN50155/50121-3-2/50121-4 and EN45545-2 R24 Fire & Smoke certificate

Provides M12 connector with IP43 rated protection

IEEE802.3at/af up to 30W PoE output

Optional 12V power input boost to 48V output

Optional 72V input steps down to 48V output for IEEE 802.3at/af max.120W

Wide Operating Temperature from -40°C to 75°C

Wide range redundant power inputs

Lantech IPES-0005B (IP43) is an 5 10/100 Base-TX with M12-connector unmanaged industrial switch for IP43 rated protection, which meets the high reliability requirements demanded by industrial rolling stock applications.

The IPES-0005B (IP43) supports IEEE802.3at/af standard which can feed HI-power up to 30W at each PoE port for big power consumption devices like PTZ IP camera, High power wireless AP etc. The IPES-0005B-12V is able to take 12V input and boost to 48V/54V output for PoE feeding in vehicle use with IEEE802.3at/af standard up to 30W per PoE port with maximum 80W output. 72V model accept 72V input and can feed 48V PoE at max 120W.

The IPES-0005B (IP43) is designed to meet with critical network environment with IP43 enclosure and M12 connectors for protection against dust and water. It has passed harsh environmental testing to comply with Industrial EMI and Safety standards as well as stability testing such as Free fall, Shock, and Vibration. For a greater flexibility in application the IPES-0005B (IP43) supports an extended operating temperature range from -40°C to 75°C.

The IPES-0005B (IP43) is compliant with EN50155/ 50121 -3-2/50121 -4 certificate (railway applications), EN45545-2 R24 Fire & Smoke certificate, making the switch suitable for various industrial rolling stock applications.

