



**ROSE+BOPLA**  
ENCLOSURES

A PHOENIX MECANO COMPANY

**Pilot 250**  
**Handheld Enclosures**  
**Product Drawings**  
**Last Updated 6/20/2008**

*Dimensional Drawings*



Pilot 250 in 2 versions: closed (left) or lid frame (right)

**TECHNICAL DATA:**

- Color– Base and lid, black-gray similar to RAL 7021; rear cover, sapphire-blue similar to RAL 5003.
- Material–Polyamide
- Impact resistance: > 7 Nm, EN 50014
- Gasket: continuous foamed-in Neoprene gasket
- Temperature range: - 40°F to 140°F
- Ingress Protection: IP 65 to EN60529

Fast-changing requirements for plant automation and control applications necessitate a total integration of portable electronic devices. Rose+Bopla has responded to this trend by developing

## Pilot 250

new and innovative products for industrial use. The Pilot 250 is the forerunner of a new generation of mobile control enclosures for manufacturers of operating, test, and data acquisition systems. Pilot 250 offers many mounting possibilities, ideal for electronic and electromechanical components.

The Pilot 250 is a 3-part polyamide enclosure consisting of: a base with integral mounting bosses for printed circuit boards, displays, membrane keypads, and electronic assemblies; a rear cover; and a lid. Access is provided through the removable rear cover for fast replacement of electronic components, interface modules or to access the battery compartment. The Pilot 250 features a tongue-and-groove sealing system with an integrated gasket that offers an ingress protection up to IP 65.

Two versions of the Pilot 250 are available: a polyamide enclosure with a closed front panel lid; and a polyamide enclosure with a lid frame for custom-made front panels. Accessories include an aluminum front panel, a wall-mount bracket, battery holder, and cable gland.

Pilot 250					
Part Number	Type	Length (Inches/mm)	Width Top (Inches/mm)	Width Bot. (Inches/mm)	Drawing
29250001 *	Pilot 250 / 1	11.02 / 280	5.51 / 140	4.72 / 120	17-112
29250002 **	Pilot 250 / 2	11.02 / 280	5.51 / 140	4.72 / 120	17-112

Note: Dimensions are external. Metric is the primary dimension. Inch conversions are for the user's convenience and are for reference only.

Accessories shown on drawing page.

\* Closed Version

\*\* Open Version



