# APEM IA series

# Lowprofile pushbuttonswitches



Front panel sealed to IP 67

Tactile feedback



## **ELECTRICAL AND GENERAL SPECIFICATIONS**

• Max. current/voltage rating with resistive load: 2A 24VDC

• Initial contact resistance :  $100m\Omega$  max.

• Insulation resistance : 100  $M\Omega$  min. at 500VDC

• Dielectric strength: 1.000 VAC rms

• Electrical life at full load: 1 000.000 cycles

Panel thickness: 7 mm (.276) max.
Total travel: 1,5 mm +/- 0,3 (.059 +/ .012)

• Operating force: 6,5 N ±2N



• Front panel sealing (see drawings below) :

- With O-ring above the panel: IP67

- With O-ring under the panel: IP64

• Operating temperature : -20°C to +65°C

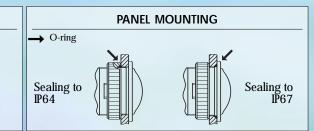


• Case/bushing : thermoplastic

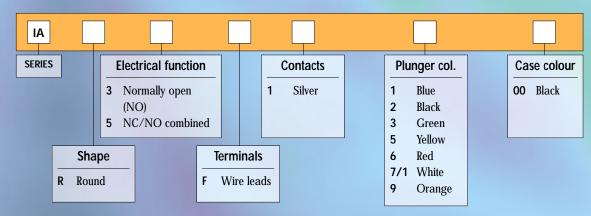
· Actuator : polyurethane

Contacts : silver

• Terminal seal : epoxy





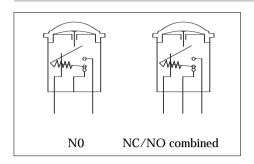






# IA series - Iowprofile pushbuttonswitches

# Bushing Ø 16 (.629)

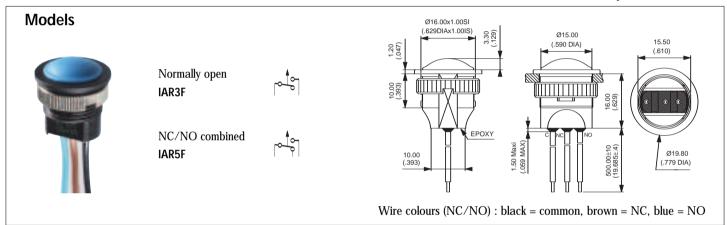


- Panel cut-out Ø 16,2 mm (.657)
- Min. pitch for matrix mounting: 20 x 20 mm (.787x.787)
  Standard hardware supplied: 1 knurled nut and 1 O-ring
- Packaging unit: 25 pieces

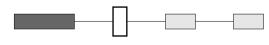




NO model has 2 terminals only.



## **CONTACT MATERIAL**



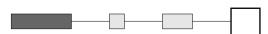
1 Silver

#### **PLUNGER COLOUR**



1 : blue - 2 : black - 3 : green - 5 : yellow - 6 : red - 7/1 : white - 9 : orange

### **CASE COLOUR**



00: black

Dimensions: First dimensions are in mm while inches are shown as bracketed numbers.

**Tolerance**: The general tolerance for dimensions is  $\pm$  0,3 (.012).

Dimensions, specifications and data are subject to change without notice.