**OEM Automatic Ltd**
Address: Whiteacres, Whetstone Leicester, LE8 6ZG
0116 284 9900 | Orders@oem.co.uk | www.oem.co.uk

# NAFSA - CU30 CP SERIES

CU30/CP




- Reinforced locking bolt
- Class E winding (120ºC)
- Ideal for robotic applications
- Up to 2.8daN return force
- Customer specific version available

### PRODUCT DESCRIPTION

These locking bolts are based on simple linear solenoids, with a reinforced shaft to cope with high lateral loadings.

They lock under voltage and the design is a good option for robotics, where a high duty under load is required.

## TECHNICAL DATA

| | |
|---|---|
| **Absorbed power @ 20°C, 100% duty** | 7.5 W |
| **Absorbed power @ 20°C, 25% duty** | 29 W |
| **Duty cycle** | 100 % |
| **Insulation class** | E (120ºC) |
| **IP class** | IP40 |
| **Plunger weight** | 60 g |
| **Return spring force** | 0.015 N |
| **Spring return** | Yes |
| **Stroke** | 10 mm |
| **Temperature rise** | 70 °C |
| **Total weight** | 330 g |
| **Voltage ac max** | 125 V |
| **Voltage ac min** | 24 V |
| **Voltage dc max** | 205 V |
| **Voltage dc min** | 3 V |

**Solenoid shown under voltage**

