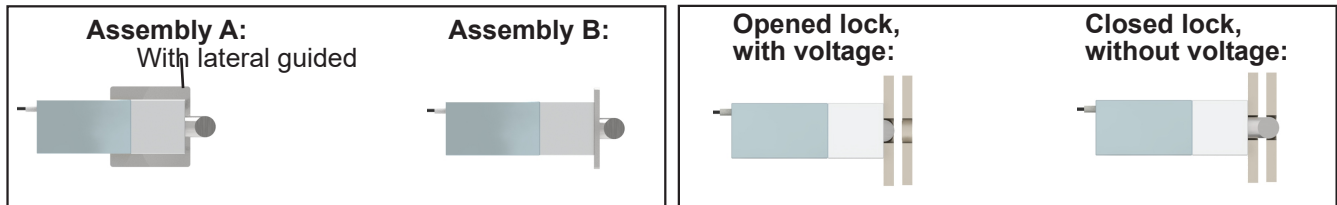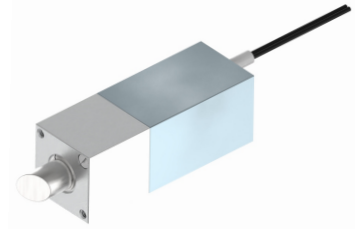## ● CU 20/CP TYPE

These locking bolts are simple effect linear solenoids, where the shaft has been reinforced to assure the performance in case of radial stress. This model assures the locking without voltage (passive security). It has got frontal and rear fixing.The bolt has a slip with anti-rotation system. Its design makes it good to be used as industrial locking bolt.

Assembly A: With lateral guided	Assembly B:	Opened lock, with voltage:	Closed lock, without voltage:

Model: CU20CP100	Model: CU20CP25
Protection rate: **IP40** Insulation class: **B (130ºC)** Standard voltage: **VDC (12V;24V;48V)** Duty cycle (ED%): **100%** Absorbed power at 20ºC: **4,2W** Standard stroke "s": **7mm** Temperature rising "ΔV_{31}": **70ºC** Mobil plunger weight (Kg): **0.017** Locking bolt weight (Kg): **0.107** Return spring incorporated: **1.1N (Opened lock, with voltage) to 0.2N (Closed lock, without voltage).** Mimimum force at stroke 7mm with incorporated spring (N): **0,3** Maximum radial stress (N): **2000N (Assembly A)** Maximum radial stress (N): **750N (Assembly B)**	Protection rate: **IP40** Insulation class: **B (130ºC)** Standard voltage: **VDC (12V;24V;48V)** Duty cycle (ED%): **25%** Absorbed power at 20ºC: **17W** Standard stroke "s": **7mm** Temperature rising "ΔV_{31}": **70ºC** Mobil plunger weight (Kg): **0.017** Locking bolt weight (Kg): **0.107** Return spring incorporated: **1.5N (Opened lock, with voltage) to 0.5N (Closed lock, without voltage).** Mimimum force at stroke 7mm with incorporated spring (N): **1,75** Maximum radial stress (N): **2000N (Assembly A)** Maximum radial stress (N): **750N (Assembly B)**

- If any change from the original is needed, please contact us.

-The connector can be deleted or replaced.

- To use the solenoid with the electric saver, see page 109 Electric saver.

Ordering code:
-CU20CP100 12VDC100%: Features: Vn (12VDC) ; ED (100%) ; Pn (4,2W)
-CU20CP25 12VDC25%:   Features: Vn (12VDC) ; ED (25%)   ; Pn (17W)
-CU20CP100 24VDC100%: Features: Vn (24VDC) ; ED (100%) ; Pn (4,2W)
-CU20CP25 24VDC25%:   Features: Vn (24VDC) ; ED (25%)   ; Pn (17W)
-CU20CP100 48VDC100%: Features: Vn (48VDC) ; ED (100%) ; Pn (4,2W)
-CU20CP25 48VDC25%:   Features: Vn (48VDC) ; ED (25%)   ; Pn (17W)

Lay out:
Vn= Standard voltage ; ED= Duty-cycle ; Pn= Standard power

Solenoid without voltage (s=7mm position)

Connector: Multicomp MC34481
Terminals: Multicomp 2218T

15,5

11,5   55,3

□ 20   □

7,9

45°

Section: 1x0,22mm²
Length: 200mm

(x2) M 2,5
x 5 useful depth

(x2) M 2,5
x 4 useful depth

8

8

8

8