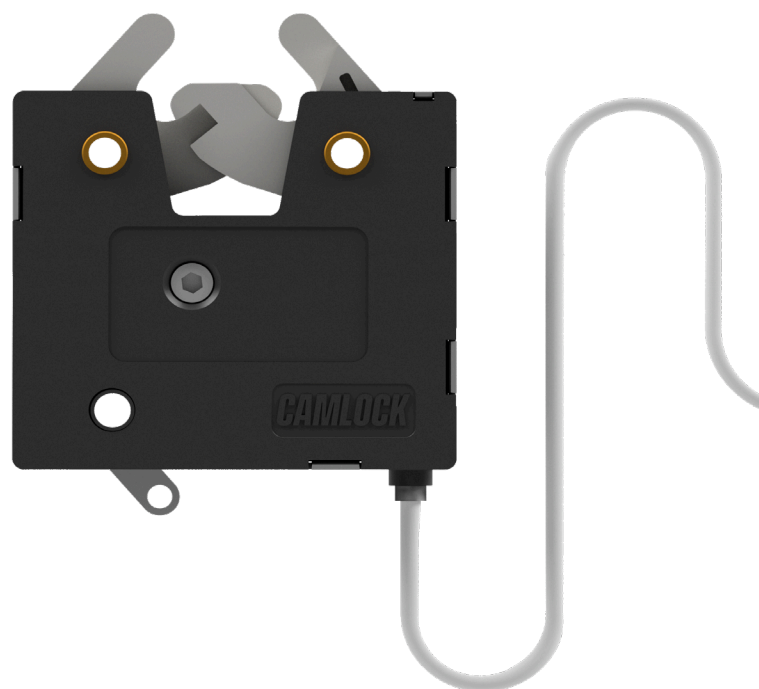




CAMLOCK
SYSTEMS

SERIES 100

LATCH INSTALLATION MANUAL



FUNCTION OF THE LATCH

The compact unit consists of two parts:

- o Part 1 - The Latch, that can be universally mounted
- o Part 2 - The Strike, which is installed onto the door

The **red** and **black** wires are connected to a constant 12V dc supply.

To release the locking jaws, the **blue** wire is momentarily shorted to the **black** wire. This will put the lock into a full, unlock and re-lock cycle, leaving the jaws ready to be latched closed.

To hold the latch in the unlocked position:

- o Keep the **blue** wire shorted to the **black** wire for as long as the lock is required to remain unlocked.
- o To re-lock, simply close the door. The latch will mechanically engage

The **yellow** wire is a negative output that goes to ground when the jaws are closed. The lock is equipped with reverse polarity protection. **Please note: Prolonged reverse polarity could cause long term damage and invalidate the warranty.**

Operating voltage	12V dc (+ /- 10%)
Current consumption	0mA Idle 350mA Max
Max. capacity of contact	25v / 0.5A
Jaw holding force	7000 N
Maximum jaw pre-load	350 N @12V dc
IP Rating	IP 65
Temperature rating	-40°C to +65°C

For technical support, please call: +44 (0)1323 410 996

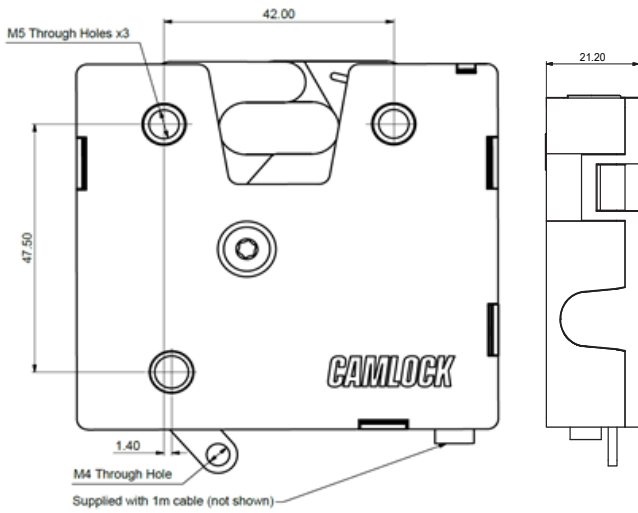
**SMARTER
LOCKING**





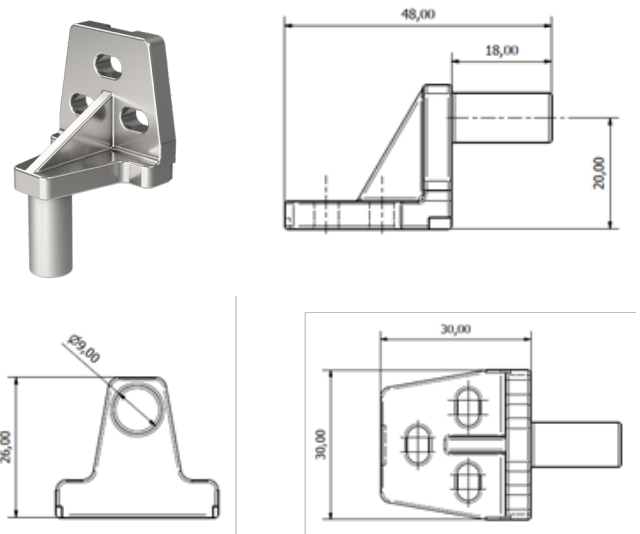
LATCH DIMENSIONS

Latch body



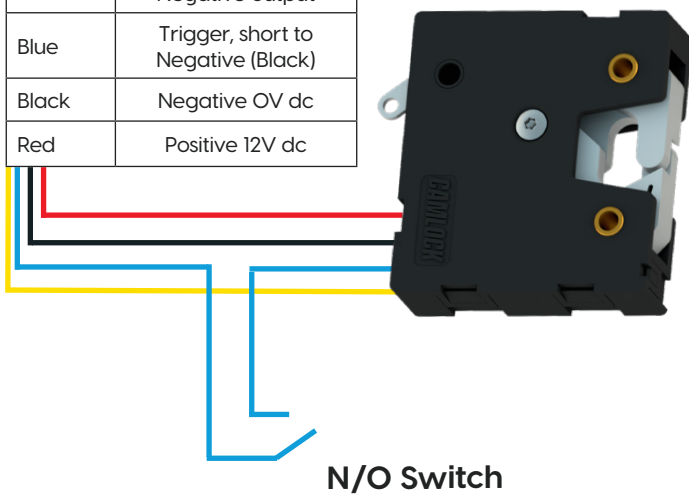
MOUNTING DRAWINGS

Latch strike (optional accessory)



Latch wiring

Colour	Function
Yellow	Bolt position, Negative output
Blue	Trigger, short to Negative (Black)
Black	Negative OV dc
Red	Positive 12V dc



Locked side view

