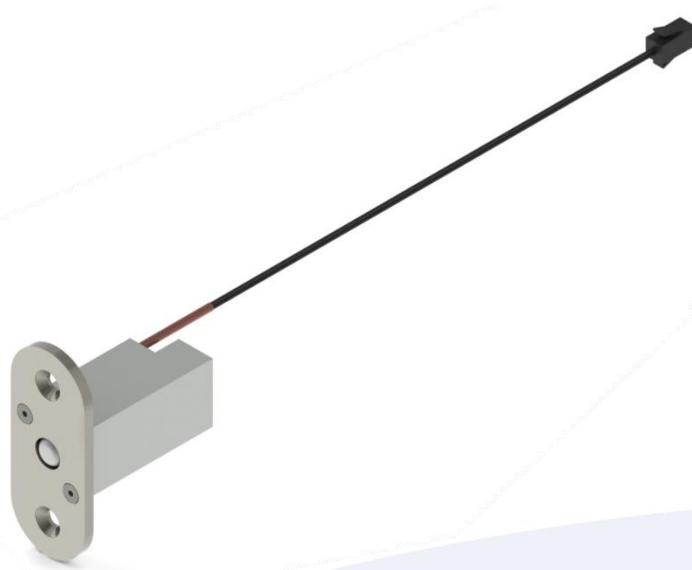




DATASHEET

ELECTROMAGNETIC LOCK

ML-1



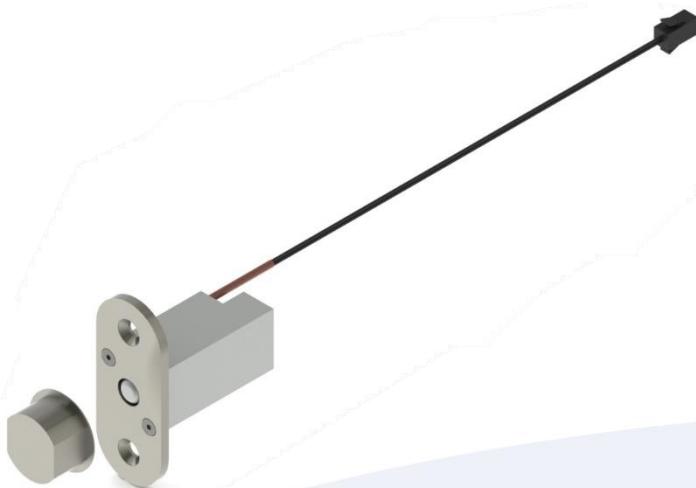
Revision: rev. A
Date: 3.12.2025.

Electromagnetic lock ML-1 - C00000382

The electromagnetic lock is used for locking doors in interlock systems, access controls, pass-through chambers and similar applications.

The electromagnetic lock is installed in the door frame. A door lock sleeve is installed on the opposite side of the electromagnetic lock, in the door leaf. When the door is closed, the electromagnetic lock is activated by supplying power. The bolt of the lock enters the sleeve and prevents the door from being opened. When the power supply is interrupted, the bolt retracts from the sleeve in the door leaf and allows the door to be opened (fail-safe).

The electromagnetic lock is mounted on a stainless-steel plate that is fastened to the door frame with two screws. The conductors that come out of the electromagnetic lock are internally connected to the coil, while the other ends are connected to a female SMP-02V connector.

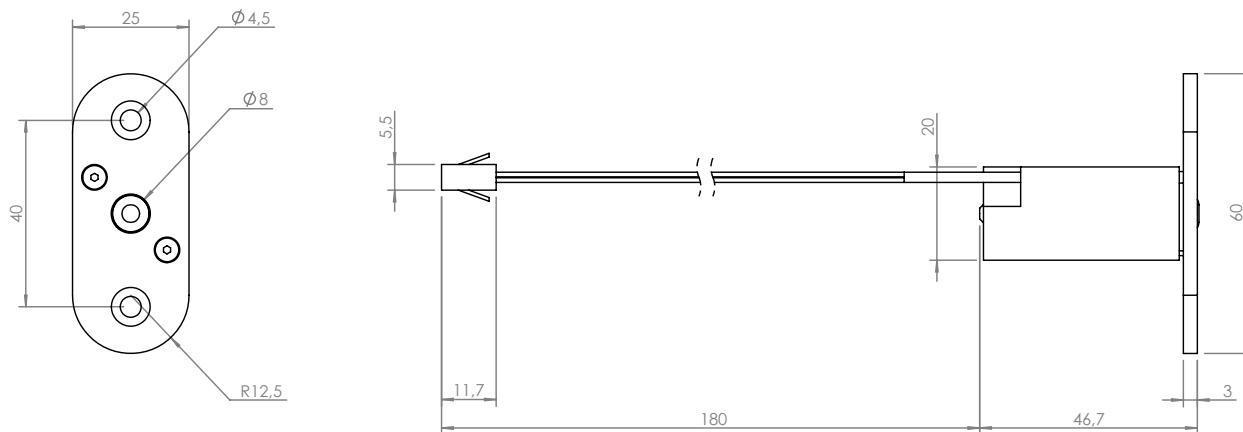


The sleeve and the electromagnetic lock

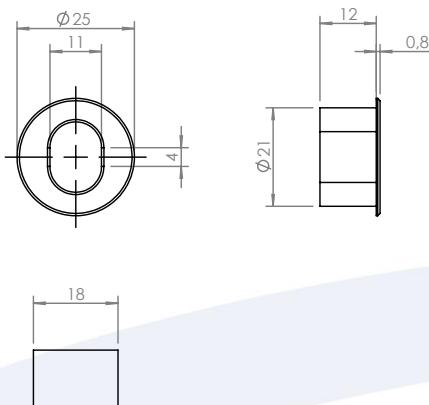
Electromagnetic lock type	<i>Fail-safe</i>
Mounting	Horizontal and vertical
Bolt diameter / length	Φ 8 mm / 10 mm
Nominal voltage	24 V DC; ± 10 %
Nominal current	200 mA DC

Technical characteristics of the electromagnetic lock

Electromagnetic lock dimensions



Electromagnetic lock dimensions



Lock sleeve dimensions

Accessories

Lock sleeve - 10042918

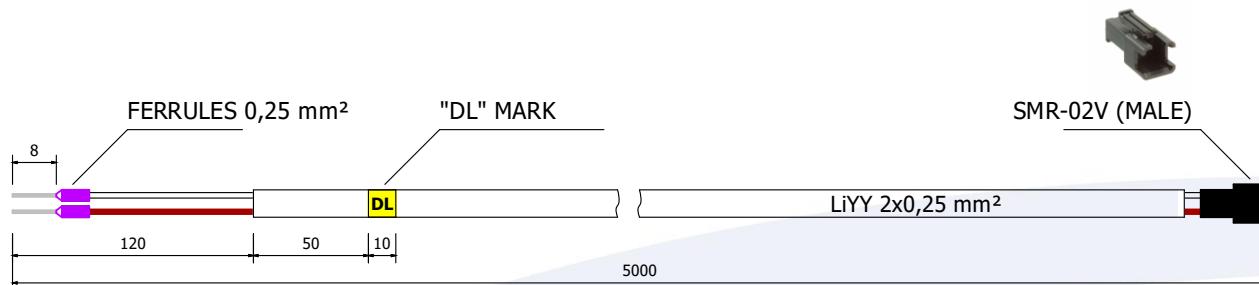
The door lock sleeve is installed on the opposite side of the electromagnetic lock, in the door leaf.



Lock sleeve

Cable „DL“ for electromagnetic lock - 10071191

The cable is used to connect the electromagnetic lock and the junction box.



Cable „DL“ for electromagnetic lock

Screw for the electromagnetic lock - 10023649

Screw for fixing the electromagnetic lock to the door frame (DIN7991, A2, M4x12). Two pieces needed.



Screw for the electromagnetic lock