



# L300 SAFETY LOCKING DEVICE

Contactless actuation  
with RFID technology



*easy*handling.

# DESIGNED FOR TOUGH INDUSTRIAL APPLICATION

Metal housing and head with high-quality powder coating.



L300 safety locking devices keep protective doors securely locked through RFID technology and thereby prevent the inadmissible access of people until the guarded machine no longer poses a danger.

- Contactless actuation with RFID technology
- Digitally encoded actuator
- Locking force of the system 7500 N
- Locks if electromagnet is deactivated
- SIL 3 / PL e Cat. 4 with one device
- Metal housing, three M20 cable inlets or M12 connector
- Degree of protection IP 67 and IP 69K
- Designs with auxiliary release, lock and anti-panic button
- Non-detachable, directional swiveling heads and devices
- PL e also when connected in series with up to 32 devices
- LED display unit for on-site diagnosis

**easy**handling.

Technical data	L300
Three cable entries with thread	M20x1.5 or M12 connector
Degree of protection	IP 67 acc. to EN 60529, IP 69K acc. to ISO 20653
SIL Level (SIL CL)	up to SIL3 acc. to EN 62061
Ambient temperature	from -20°C through +50°C
Max. actuation speed	0.5 m/s
Min. actuation speed	1 mm/s
Assured operating distance $S_{ao}$	2 mm
Assured cut-out distance $S_{ar}$	4 / 10 mm (actuator not locked / locked)
Nominal operating voltage $U_e$	24 V DC $\pm 10\%$ SELV
Outputs	Two safe OSSD outputs
Extraction force of unlocked actuator	30 N (prevents unintentional opening caused by vibrations or gusts of wind)

Reliable access safeguarding at solid safety door using safety locking device (for example L100)



Heavy-duty safety locking device for safeguarding the door of a plastic film wrapping station (for example L200)

