

Electromagnets range ST

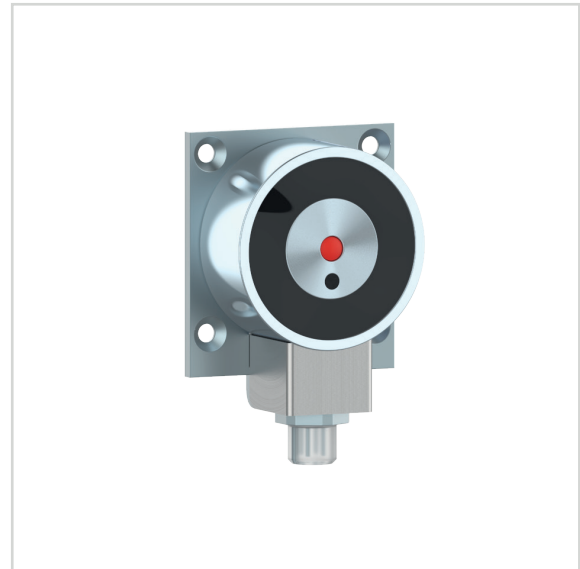
Electromagnets with feed-back contact and 4-pole plug-in termination



Website

CHARACTERISTICS

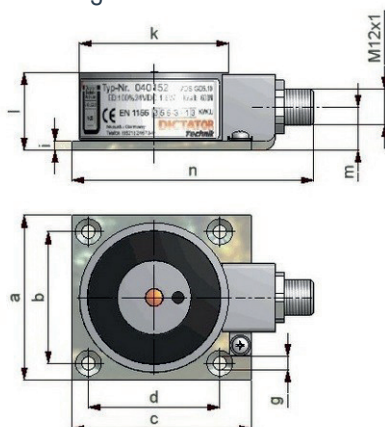
- Used when it is necessary to know remotely whether the counter plate is in contact with the electromagnet, e.g. on fire doors integrated in conveyor systems assigned to determined paths, central monitoring systems and certain machines
- With a 4-pole plug-in termination, which reduces the installation time on site, avoids errors when connecting the magnet and increases the IP rating of the magnet with the connection cable plugged-in (IP 53)
- Corresponding connector available as accessory (part no. 040187)
- Equipped with a spark extinction diode as standard: in case of faulty connection, the integrated polarity protection prevents the spark extinction diode from being destroyed
- As counter piece for the electromagnet, a counter plate has to be fixed on the door
- When the counter plate adheres to the magnet and whether it is energized is registered by an integrated contact (NO) which passes on the information
- All electromagnets with 'LE 07016' in their description have been tested according to EN 1155
- Some articles may differ from the photo



DIMENSIONS

All dimensions in mm

Electromagnet



Type	a	b	c	d	g	i	k	l	m	n
EM GD 50 F 26 ST	55	44	60	44	ø 4,5	3	ø 50	26	14,5	81
EM GD 70 F 39 ST	75	60	80	60	ø 5,5	4	ø 70	39	19,5	102

INSTALLATION



Installation notes

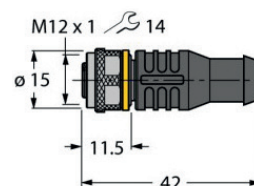


Installation instructions

TECHNICAL DATA

Voltage	24 VDC +/-15 %
Power consumption EM GD 50	67 mA (1.6 W)
Power consumption EM GD 70	71 mA (1.7 W)
Temperature range	-20 °C to +60 °C
IP rating	IP 53 (with connection cable plugged in)
Surface	zinc-plated
Switching capacity	max. 10 VA (for each combination current/voltage)
Switchable load	max. 180 V DC/AC; max. 0.5 A DC/AC
Holding force EM GD 50	600 N
Holding force EM GD 70	1450 N
Duty cycle	100 %
Remanence	0 N
Feedback contact	1 make contact (NO)

Circular connector M 12 x 1



ORDER INFORMATION

Description	Part no.
EM GD 50 F 26 ST electromagnet, 600 N, 24 VDC, with feedback contact, LE 07016	040152
EM GD 70 F 39 ST electromagnet, 1450 N, 24 VDC, with feedback contact, LE 07016	040153