

ENGLISH

Datasheet

Electro-Holding Magnet

RS Stock number 785-8512





Description

Mountings: Threaded holes in rear face Finish: Bright nickel plated with machined face Product weight: 36g

Technical Data Typical holding force: 53N εD rating: 100% IP Rating: 54 Standard operating voltage: 12VDC (7858519) 24VDC (7858512)

Current: 12V - 210mA 24V - 100mA Power consumption: 2.4W

Connection type 12VDC and 24VDC Free leads (500mm long)



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Recommended armature plate

Finish: Bright nickel plated Diameter: 25mm Part No. 7393264 Weight: 15g

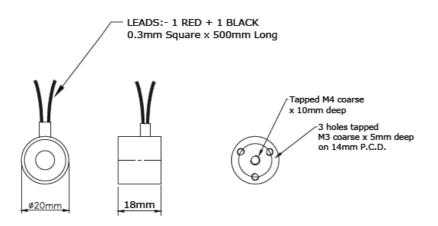


Pull gaps

Air gap	Magnetic Pull*
(mm)	(N)
0.00	53
0.09	22
0.18	9
0.27	5
0.36	3
0.59	2
1.00	1
* +/- 10%	

To achieve the optimum pull force 100% contact area must be achieved using the recommended armature plate. The force will be affected if other material specifications, thicknesses and surfaces are used, or if the armature fails to make positive contact over the full diameter of the face of the magnet. Where misalignment is likely to be an issue we recommend that an oversized armature plate is used to ensure 100% full contact, this however will reduce the stated pull force by approximately 10%.

Dimensions



RS, Professionally Approved Products, gives you professional quality parts across all products categories. Our range has been testified by engineers as giving comparable quality to that of the leading brands without paying a premium price.