

Datasheet

Electro-holding magnet

Energise to hold 30mm diameter

12VDC or 24VDC Operating voltage

Part numbers 7393258, 7393249



Description

Mountings	Threaded holes in rear face
Finish	Bright nickel plated with machined face
Product weight	108g

Technical Data

Typical holding force	280N
ED rating	100%
IP Rating	54
Standard operating voltage	12VDC (7393258) 24VDC (7393249)
Current	12V - 280mA 24V - 140mA
Power consumption	3.36W
Ambient working temperature	35°C

Pull gaps

Air gap (mm)	Magnetic Pull*
0.00	280
0.09	149
0.18	80
0.27	43
0.36	26
0.59	12
1.00	5
1.59	2
2.00	2

* +/- 10%

Connection type

12VDC and 24VDC **Free leads (500mm long)**

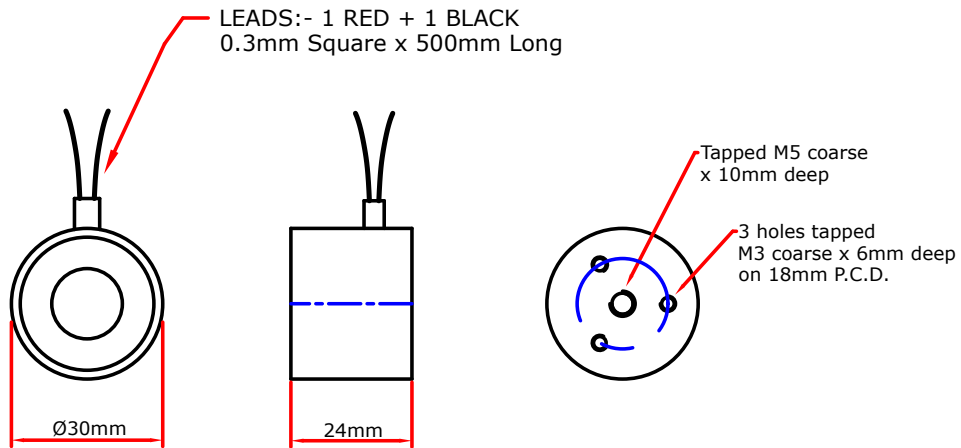
Recommended armature plate



Finish	Bright nickel plated
Diameter	30mm
Part No.	7393211
Weight	30g

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



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