

Datasheet

Electro-Holding Magnet

RS Stock number 739-3261



Two-pole connector



Hirschman connector

Description

Mountings: Threaded holes in rear face

Finish: Bright nickel plated with machined face

Product weight: 12V & 24V - 364g
240V - 408g

Technical Data

Typical holding force: 1000N

εD rating: 100%

IP Rating: 20 - two-pole connector
54 - Hirschman connector

Standard operating voltage: 12VDC (7393261)
24VDC (7393267)
240VAC (7393245)

Current: 12V - 470mA
24V - 240mA
240V - 50mA

Power consumption: 12V & 24V - 5.70W
240V - 8.56W

Ambient working temperature: 35°C

Recommended armature plate

Finish: Bright nickel plated
 Diameter: 50mm
 Part No. 7393251
 Weight: 100g



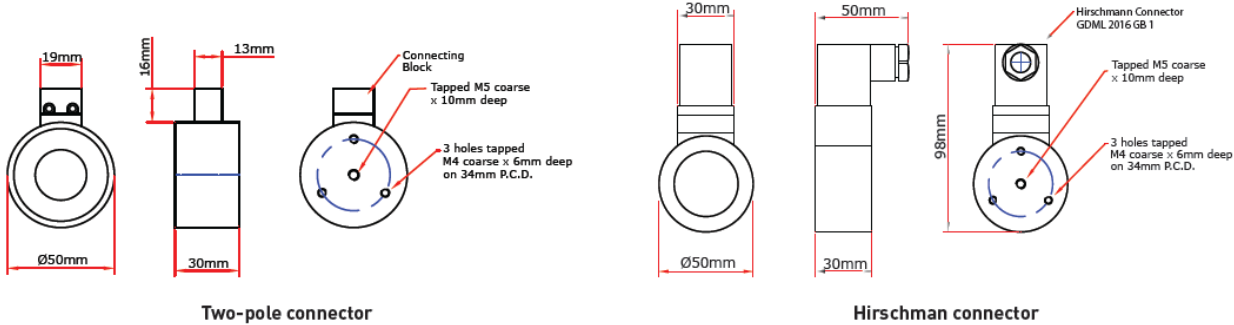
Pull gaps

Air gap (mm)	Magnetic Pull* (N)
0.00	1000
0.09	655
0.18	442
0.27	282
0.36	187
0.59	87
1.00	37
1.59	24
2.00	19
4.00	6

* +/- 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



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