



Part number:

IMS-37A

Motorized iris diaphragm:

Uses 2 sets of blades.

Number of blades:

2 x 8 steel blades

Motor type:

Stepper gear, 29:1

Motor Voltages:

5V -12V DC

Motor current:

Maximum 2 x 100mA

Aperture diameter full range:

0-37 mm

Enclosure:

Aluminum anodized

Distance between blades:

2.8mm

Bi-directional repeatability:

Not specified

Peak temperature range:

0 to +65 deg C.

Maximum temp of blades:

90 deg C.

Maximum rated speed:

Fully open or close in 3 seconds (0.3sec available)

Reference switch:

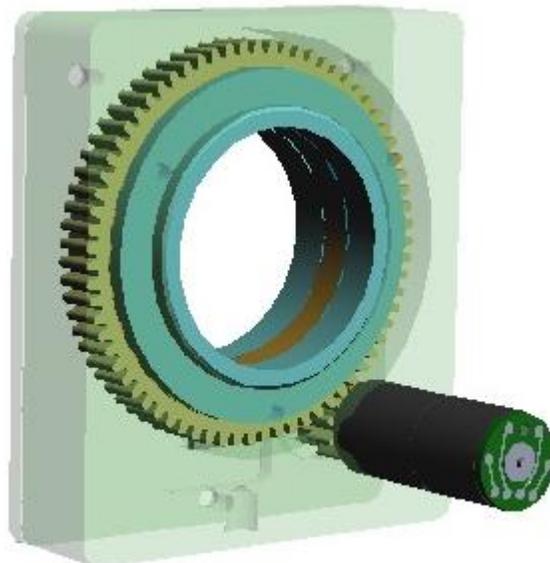
At fully closed. Hall Effect. Optical sensor optional.

Recommended controller:

USS-210 and **SSP-21** 



ISM-37A



3D

Pinout diagram

Pin 1	Phase A +
Pin 2	NC
Pin 3	Phase B +
Pin 4	Phase B -
Pin 5	Ground
Pin 6	Phase A-
Pin 7	NC
Pin 8	+5V
Pin 9	Ref. switch (4.7k pull-up to 5V)
Pin 10	GND

