

SERVO-OP

MOTOR-DRIVEN ROTARY ACTUATOR

The Servo-OP is an electric rotary actuator which, in combination with the optional OP3 indicator, allows position control with two buttons: the operator rotates the output shaft by pressing the forward or backward button until the desired position is shown on the indicator.

The indicator is available with various ratios so that it is possible to show the real position of the driven element.

To safeguard integrity of the geared motor and of the connected parts, the output shaft is equipped with a torque limiter which can have a rating up to 5Nm.

POWER SUPPLY CABLE

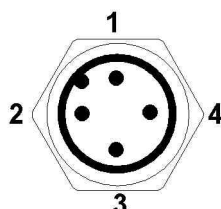
PURPLE = +24VDC

GRAY = GND

POWER SUPPLY M12x1 MALE CONNECTOR

1 = +24VDC

3 = GND



TECHNICAL FEATURES

Motor	DC permanent magnet
Motor power supply	10 – 30 VDC depending on the desired speed of the output shaft Absorbed current 3 A max
Output shaft speed (24VDC power supply)	80 rpm no load 80 rpm unloaded; 70 rpm at 5 Nm with 15% use
Case	anodised aluminum machined from solid
Electrical connection	connector M12x1, 4 poles, male, A coded
Protection degree	IP54
Working temperature	0-60°C
Relative humidity	10-85%
Hollow shaft diameter	Ø14 with through-keyway 5
Weight	800 gr
EMC directive	2014/30/UE
RoHS directive	2011/65/UE