

MVH 330-11Y-M20-RVA

- Metal enclosure
- Long life
- 40 mm x 76 mm x 40 mm (basic component)
- Suitable for low actuating speeds
- 1 Cable entry M 20 x 1.5
- free of silicon
- proved in power station applications
- Actuator head can be repositioned in steps 4 x 90°
- Continuous adjustment of lever position 360°
- Lever can be transposed by 180°

Data

Ordering data

Product type description	MVH 330-11Y-M20-RVA
Article number (order number)	131161092
EAN (European Article Number)	8905236107023
eCl@ss number, version 12.0	27-27-06-01
eCl@ss number, version 11.0	27-27-06-01
eCl@ss number, version 9.0	27-27-06-01
ETIM number, version 7.0	EC000030
ETIM number, version 6.0	EC000030

Approvals - Standards

Certificates	CCC | cULus

General data

Standards	EN IEC 60947-5-1
Working principle	mechanical
Slide form	Castor
Housing material	Light-alloy diecast, paint finish
Housing coating material	painted
Gross weight	300 g

General data - Features

Number of normally closed (NC)	1
Number of normally open (NO)	1

Mechanical data

Actuating element	Roller lever
Roller material	Stainless steel (V2A)
Mechanical lifetime, minimum	30,000,000 Operations
Contact opening	2 x 0.5 mm
Actuating speed, minimum	1 mm/min
Actuating torque	0.5 Nm
Repeat accuracy of switching points	0.02 mm

Mechanical data - Connection technique

Termination	Screw terminals M20 x 1.5
Cable section, minimum	1.5 mm²
Cable section, maximum	2.5 mm²
Note	All indications including the conductor ferrules.
Wire cross-section	13 AWG

Mechanical data - Dimensions

Length of sensor	40 mm
Width of sensor	40 mm
Height of sensor	136.5 mm
Width of Castor	8.5 mm
Diameter of Castor	20 mm

Ambient conditions

IP Degree of protection	IP65
Ambient temperature	-40 ... +90 °C
Restistance to shock	50 g / 6 ms

Ambient conditions - Insulation values

Rated insulation voltage Ui	250 VAC
Rated impulse withstand voltage Uimp	4 kV

Electrical data

Thermal test current	6 A
Utilisation category AC-15	230 VAC
Utilisation category AC-15	2.5 A
Switching element	1 NO contact, 1 NC contacts
Note (Switching element)	galvanically separated contact bridges
Switching principle	Snap action
Bounce duration, maximum	1.5 ms
Switchover time, maximum	10 ms
Material of the contacts, electrical	Silver

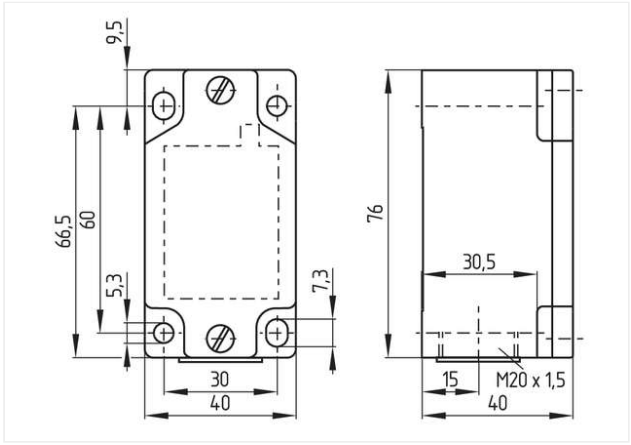
Pictures

Product picture (catalogue individual photo)



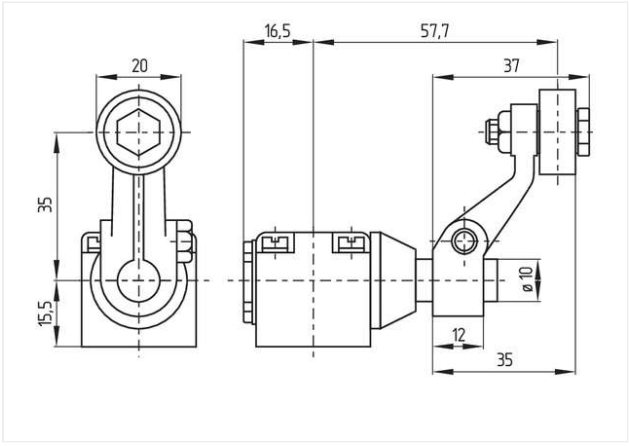
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Dimensional drawing basic component



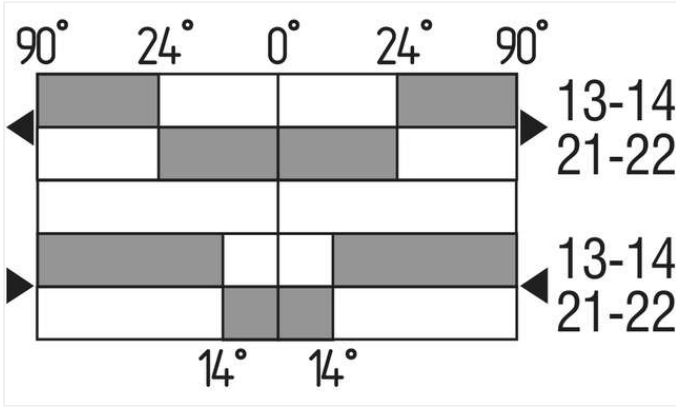
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Dimensional drawing actuator



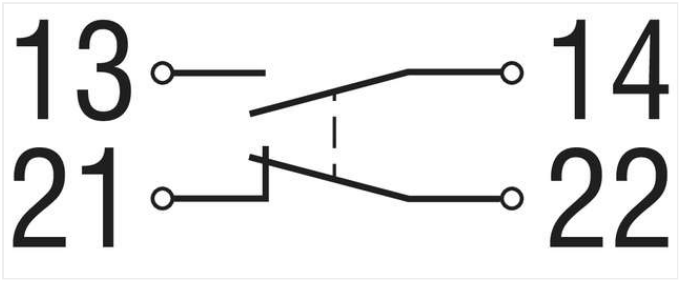
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Switch travel diagram



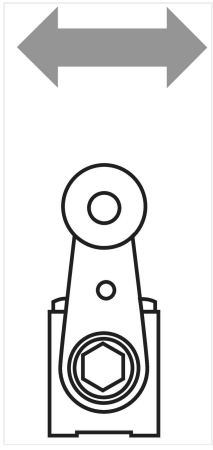
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Diagram



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Operating principle



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The details and data referred to have been carefully checked. Images may diverge from original. Further technical data can be found in the manual. Technical amendments and errors possible.
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