

M3V4D 330-11Y



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

Data

Ordering data

	M3V4D 330-11Y
	101165920
EAN (European Article Number)	4030661212821
eCl@ss number, Version 9.0	27-27-06-01

Approval - Standards

DNV.GL
cULus
CCC
EAC

General data

Product name	330 fork roller level 4D EN 60947-5-1
Active principle	mechanical
Slide form	Castor
Enclosure material	Cast iron
Enclosure coating material	painted
Material of the contacts, electrical	Silver

Roller material	Plastic
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Gross weight	305 g
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General data - Features

Number of openers	1
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Number of shutters	1
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Safety appraisal - Safety outputs

B10d Normally-closed contact (NC)	20,000,000 Operations
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Mechanical data

Actuating element	Forked roller lever
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Mechanical life, minimum	30,000,000 Operations
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Contact opening	2 x 0.5 mm
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Actuating speed, minimum	1 mm/min
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Actuating torque	0.5 Nm
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Repeat accuracy of switching points	0
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Mechanical data - Connection technique

Terminal Connector	Screw connection
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1.5 mm²

2.5 mm²

Note (Cable section)	All indications about the cable section are including the conductor ferrules.
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Wire cross-section	13 AWG
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Mechanical data - Dimensions

Height of sensor	120 mm
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Length of sensor	40 mm
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Width of sensor	84 mm
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Width of Castor	8.5 mm
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Diameter of Castor	20 mm
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Ambient conditions

Protection class	IP 65 to IEC/EN 60529
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Ambient temperature, minimum	-30 °C
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Ambient temperature, maximum	+90 °C
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50 g / 6 ms

Ambient conditions - Insulation value

Rated impulse withstand voltage	4 kV
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Electrical data

Thermal test current	6 A
Utilisation category AC-15	230 VAC
Utilisation category AC-15	2.5 A
Switching element	NO contact, NC contact
Note (Switching element)	galvanically separated contact bridges
Switching principle	Snap switch element
Bounce duration, maximum	43,221 ms
Switchover time, maximum	10 ms

Ordering code

Product type description:

M(1) 330-11Y-(2)-(3)

(1)

S Plunger S

2S Telescopic plunger 2S

R Roller plunger R

K Offset roller lever K

3K Angle roller lever 3K

3S Side plunger 3S

3R Side roller plunger 3R

AF Spring rod lever AF

4D Fork roller level 4D

8H Roller lever 8H

7H Roller lever 7H

10H Rod lever 10H

H Roller lever H

4H Spring rod lever on shaft 4H

2H Leaf spring lever 2H

3H Roller lever 3H

9H Rod lever 9H

6H Leaf spring lever 6H

(2)

without without LED switching conditions display

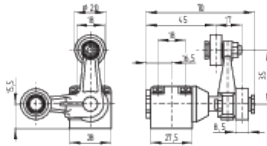
G24 with LED switching conditions display

(3)

AuNi Gold-nickel alloy contacts

1366 For temperatures up to +160°C

Dimension/Product/Actuator



ID: 1m330b07

| 10,9 kB | .png | 74.083 x 52.211 mm - 210 x 148

Pixel - 72 dpi

| 119,1 kB | .jpg | 352.778 x 248.003 mm - 1000 x 703

Pixel - 72 dpi

Illustration/Product/Function



ID: 235hz05

| 15,2 kB | .cdr |

| 180,5 kB | .jpg | 352.778 x 749.3 mm - 1000 x 2124

Pixel - 72 dpi

| 3,4 kB | .png | 74.083 x 157.339 mm - 210 x 446

Pixel - 72 dpi

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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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