



M3R 330-11Y

- Long life
- Metal enclosure
- free of silicon
- 1 Cable entry M 20 x 1.5
- Suitable for low actuating speeds
- proved in power station applications
- 40 mm x 76 mm x 40 mm (basic component)
- with bellows to protect against heavy soiling
- Actuator heads can be repositioned by 4 x 90°

Data

Ordering data

	M3R 330-11Y
	101161735
EAN (European Article Number)	4030661196855
eCl@ss number, Version 9.0	27-27-06-01

Approval - Standards

DNV.GL
cULus
CCC
EAC

General data

Product name	M 330 side roller plunger 3R 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
Gross weight	245 g

General data - Features

Number of openers	1
Number of shutters	1

Safety appraisal - Safety outputs

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

Actuating element	Roller plunger
Mechanical life, minimum	30,000,000 Operations
Actuating force, minimum	17 N
Contact opening	2 x 0.5 mm
Actuating speed, minimum	1 mm/min
Repeat accuracy of switching points	0

Mechanical data - Connection technique

Terminal Connector	Screw connection 1.5 mm ² 2.5 mm ²
Note (Cable section)	All indications about the cable section are including the conductor ferrules.
Wire cross-section	13 AWG

Mechanical data - Dimensions

Height of sensor	103.5 mm
Length of sensor	40 mm
Width of sensor	75.3 mm
Width of Castor	4.6 mm

Ambient conditions

Protection class	IP 65 to IEC/EN 60529
Ambient temperature, minimum	-30 °C
Ambient temperature, maximum	+90 °C
	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
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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
1164 Splined shaft and lever available with 10° toothing
1366 For temperatures up to +160°C

Pictures

Photo/Product/Catalogue

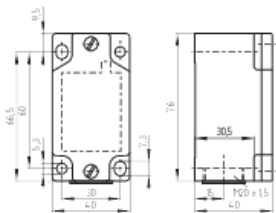


ID: km330f10

| 69,8 kB | .png | 74.083 x 102.658 mm - 210 x 291 Pixel - 72 dpi

| 697,0 kB | .jpg | 242.358 x 336.55 mm - 687 x 954 Pixel - 72 dpi

Dimension/Product/Basic



ID: 1m330g01

| 107,3 kB | .jpg | 352.778 x 247.297 mm - 1000 x 701 Pixel - 72 dpi

| 24,6 kB | .cdr |

| 4,0 kB | .png | 74.083 x 51.858 mm - 210 x 147 Pixel - 72 dpi

Diagramm/Product/Travel



ID: km330s06

| 1,2 kB | .png | 74.083 x 52.564 mm - 210 x 149 Pixel - 72 dpi

| 62,2 kB | .jpg | 352.778 x 206.375 mm - 1000 x 585 Pixel - 72 dpi

Graphic/Product/Contact



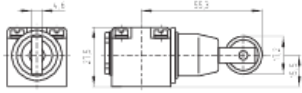
ID: k1o1sk07

| 37,9 kB | .jpg | 352.778 x 146.403 mm - 1000 x 415 Pixel - 72 dpi

| 17,3 kB | .cdr |

Dimension/Product/Actuator

ID: 1m330b10



| 3,5 kB | .png | 74.083 x 51.858 mm - 210 x 147 Pixel
- 72 dpi

| 81,4 kB | .jpg | 352.778 x 247.297 mm - 1000 x 701
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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