

# L300WNS2M26

L300 foundry limit switch - 2 contacts - spring return - CW+CCW - 1/2" NPT

Product availability: Non-Stock - Not normally stocked in distribution facility



## Main

|                               |                     |
|-------------------------------|---------------------|
| Commercial Status             | Commercialised      |
| Range of product              | L100/300            |
| Series name                   | Severe duty foundry |
| Product or component type     | Limit switch        |
| Product specific application  | Foundry switch      |
| Device short name             | L100<br>L300        |
| Body type                     | Fixed               |
| Head type                     | Rotary head         |
| Sale per indivisible quantity | 1                   |

## Complementary

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Base plate style              | Style 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Body material                 | Cast aluminum                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Fixing mode                   | By the body                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Type of operator              | Spring return without operating lever                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Contact sequence number       | 26                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Function available            | Neutral position                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Switch actuation              | From left or right<br>CW and CCW                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Type of approach              | Lateral approach                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Electrical connection         | Screw-clamp terminals (AWG: 22...12)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Cable entry                   | 1 entry for 1/2" - 14 NPT conforming to ANSI B1.20.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Number of poles               | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Contacts type and composition | 2 NO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| CW operation contacts         | 1 NC + 1 NO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| CCW operation contacts        | 1 NC + 1 NO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Contacts style                | D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Switch function               | DPST-NO-DB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Contact form                  | Form XX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Contacts material             | Silver on steel backing moveable contact<br>90/10 AgCdO on copper backing stationary contact                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Contacts usage                | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Contacts operation            | Snap action                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Positive opening              | Without                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Minimum torque for tripping   | 170 ozf.in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Maximum actuation speed       | 130 ft/min with 30° cam angle, levers only<br>90 ft/min with 45° cam angle, levers only                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Tripping angle                | 9 °                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Maximum displacement angle    | 70 °                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Repeat accuracy               | +/- 0.03 %                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Contact code designation      | P600 , DC (Ue = 120 V, Ie = 5 A) conforming to NEMA rating designation<br>P600 , DC (Ue = 250 V, Ie = 1 A) conforming to NEMA rating designation<br>P600 , DC (Ue = 600 V, Ie = 0.2 A) conforming to NEMA rating designation<br>A600 , AC (Ue = 120 V, Ie = 20 A) conforming to NEMA rating designation<br>A600 , AC (Ue = 240 V, Ie = 12.5 A) conforming to NEMA rating designation<br>A600 , AC (Ue = 480 V, Ie = 6.25 A) conforming to NEMA rating designation<br>A600 , AC (Ue = 600 V, Ie = 5 A) conforming to NEMA rating designation |

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|                                              |                                                                                                                                                                                 |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| [Ithe] conventional enclosed thermal current | 20 A                                                                                                                                                                            |
| [Ui] rated insulation voltage                | 600 V (degree of pollution: 3) conforming to CSA C22.2 No 14<br>600 V (degree of pollution: 3) conforming to UL 508<br>600 V (degree of pollution: 3) conforming to IEC 60947-1 |
| [Uimp] rated impulse withstand voltage       | 2.64 kV AC for 1 minute conforming to CSA<br>2.2 kV AC for 1 minute conforming to UL<br>2.5 kV AC for 1 minute conforming to CE                                                 |
| Short circuit protection                     | 20 A Bussmann class CC KTK-R-20 fuse with non-time delay                                                                                                                        |
| Width                                        | 2.25 in                                                                                                                                                                         |
| Height                                       | 4.95 in                                                                                                                                                                         |
| Depth                                        | 2.03 in                                                                                                                                                                         |
| Product weight                               | 1.5 lb(US)                                                                                                                                                                      |
| Terminals description ISO n°1                | (1-2) left side contact<br>(3-4) right side contact                                                                                                                             |

## Environment

|                                            |                                                                                                                                                                                              |
|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Shock resistance                           | 30 gn for 9 ms conforming to IEC 60068-2-27                                                                                                                                                  |
| Vibration resistance                       | 10 gn (f = 10...55 Hz) conforming to IEC 60068-2-6                                                                                                                                           |
| NEMA degree of protection                  | NEMA 13 conforming to Nema type 250<br>NEMA 12 conforming to Nema type 250<br>NEMA 4 conforming to Nema type 250<br>NEMA 2 conforming to Nema type 250<br>NEMA 1 conforming to Nema type 250 |
| IP degree of protection                    | IP67 conforming to IEC 60529                                                                                                                                                                 |
| Class of protection against electric shock | Class 0 conforming to IEC 61140                                                                                                                                                              |
| Ambient air temperature for operation      | -10...185 °F                                                                                                                                                                                 |
| Ambient air temperature for storage        | -10...185 °F                                                                                                                                                                                 |
| Protective treatment                       | Corrosion resistant gray paint                                                                                                                                                               |

## Ordering and shipping details

|                       |                                                           |
|-----------------------|-----------------------------------------------------------|
| Category              | 22426 - LIMIT SWITCHES,TYPE L                             |
| Discount Schedule     | T                                                         |
| GTIN                  | 00785901079095                                            |
| Nbr. of units in pkg. | 1                                                         |
| Package weight(Lbs)   | 1.50                                                      |
| Product availability  | Non-Stock - Not normally stocked in distribution facility |
| Returnability         | N                                                         |
| Country of origin     | MX                                                        |

## Contractual warranty

|        |           |
|--------|-----------|
| Period | 18 months |
|--------|-----------|

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