

DISPLACER LEVEL SWITCH 300 Three Stage Series

EDW300 – Weather Proof Type

EDX300 – Explosion Proof Type

The NEW-FLOW Displacer Level Switches are made to fit wide range applications such as pump control, waste water level and deep open tank. They are designed for high corrosive resistance and long service life. 300-Series are one stage control and easy to install.

Technical Data

Easy Installation

Wetted Parts Material: SS316, SS304 available

Housing Material: EDX- Aluminum alloy; EDW- SS316 or C.S with painting

The Suitable S.G.: ≥0.6

Enclosure Housing: EDW-Weather Proof: IP65;

EDX-Explosion Proof: please check the ordering information

Micro Switch Rating (SPDT & 3DPDT Type): 5A/125VAC, 5A/250VAC, 2A/30VDC

Max. Temperature: 250°C

Float Size: ø60mm x 150mm length; other size available upon request

Patent No.

M279006

Approvals:



TD0400TJ
工電(2016)第00384號
(ITRI)2017第07-00200號



Switches with UL & CSA
Recognized and File No.
E41515.



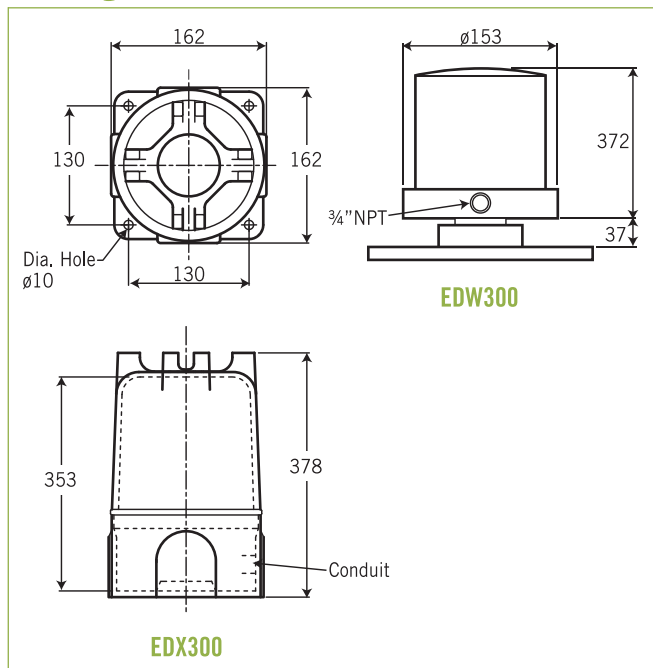
EDX300

EDW300

Switch Function

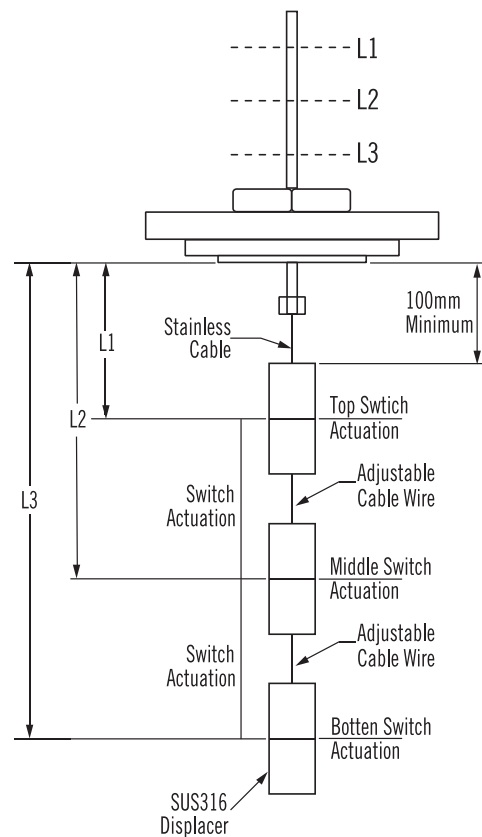
| | | |
|--------------------------|----------------------|--|
| Dry Contact-Micro Switch | 1SPDT X 3 | |
| Dry Contact-Micro Switch | (3DPDT) 2SPDT X 3 | |

Housing Dimensions



Control

Narrow Differential Model: 300



Ordering Information

WWW.NEW-FLOW.COM • TEL: 886-7-8135500 • FAX: 886-7-8225588 • Email: info@new-flow.com

| EDW / EDX | Code | Model |
|------------------------|-------------|----------------------------------------------------------------------------------|
| | 300 | Narrow Differential |
| | Code | Housing Material |
| | A | Aluminum alloy |
| | B | SS316 |
| | C | C.S with Painting (only for EDW, Weather Proof type) |
| | Code | Process Connection Size |
| | | (1) 2½" (2) 3" (3) 4" (4) 5" (5) Option |
| | Code | Process Connection Rating |
| | | (A) JIS 10K (B) JIS 20K (C) ANSI 150# (D) ANSI 300# (E) PN16 (F) PN40 (G) Option |
| | Code | Conduit Size |
| | 1 | ¾"NPT(F) |
| | 2 | ½"NPT(F) |
| | 3 | Option |
| | Code | Switch Function |
| | A | Dry Contact Microswitch |
| | B | Option (Hermetically Switch) |
| | C | Dry Contact Microswitch |
| | D | Option (Hermetically Switch) |
| | | 1SPDT x 3 |
| | | 2SPDT x 3 |
| | Code | Float Material |
| | | (1) SS316 (2) SS304 |
| | Code | Wetted Parts Material |
| | | (A) SS316 (B) SS304 |
| | Code | Sp. Gr. |
| | | (A) 1.0 (B) 0.99~0.9 (C) 0.89~0.8 (D) 0.79~0.7 (E) 0.69~0.6 |
| | Code | Setting Point |
| | | Please fill in the requested length: L1= ___ L2= ___ L3= ___ |
| | Code | Explosion Proof Type / Housing Material |
| | N | For Weather Proof Type, EDW |
| | A | (Certificate on Housing Only) / Aluminum alloy EEx d IIC-T6, II 2 GD |
| | B | (Taiwan Explosion Proof Certification) / Aluminum alloy Ex d IIB + H2 T6 Gb |
| | B1 | (Taiwan Explosion Proof Certification) / SS316 Ex d IIB + H2 T6 Gb |
| | Code | Micro Switch Rating |
| | | 5A / 250VAC |
| | | 5A / 125VAC |
| | | 2A / 30VDC |
| | | L1= |
| | | L2= |
| | | L3= |
| Complete Ordering Code | | |