DISPLACER LEVEL SWITCH
100 One Stage Series

EDW100 – Weather Proof Type
EDX100 – 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. 100-Series are one stage control and easy to install.

EDX100 EDW100

Approvals:

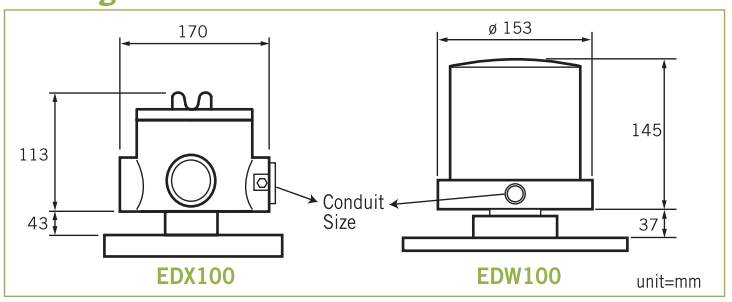
TD0400TJ
工電(2016)第00210號
工電(2016)第00382號

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

Technical Data

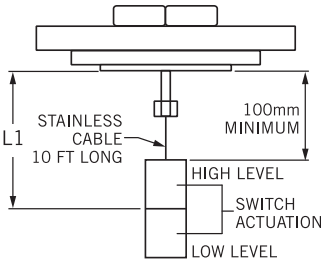
Wetted Parts Material: SS304, SS316, SS316L available
Housing Material: EDX- Aluminum alloy or SS316; EDW- SS316 or C.S with painting
The Suitable Sp.Gr.: ≥0.6 (Please inform the manufacturer about the Sp. Gr. of application fluid to calculate the float size.)
Enclosure Housing: EDX- Explosion Proof: please check the ordering information
EDW- Weather Proof: IP65
Micro Switch Rating (SPDT & DPDT Type): 5A/125VAC, 5A/250VAC, 2A/30VDC
Max. Pressure: 50 kg/cm² @25°C ; option on request
Max. Temperature: 250°C
Float Size: ø60.5 x 150mmL (based on Sp. Gr.=1.0)
(Float size depending on the Sp. Gr. of application fluid.)

Housing

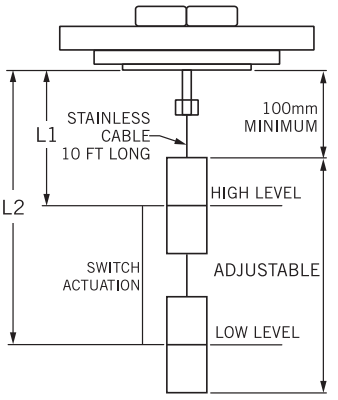


Control

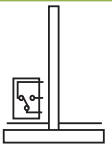
Narrow Differential Model: 100

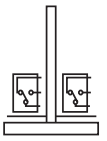


Wide Differential Model: 101



Switch Function

Dry Contact Micro-Switch	1SPDT	
Option (Hermetically Switch)		

Dry Contact Micro-Switch	(DPDT) 1SPDT X 2	
Option (Hermetically Switch)		

Ordering Information

EDW / EDX	Code	Model		
	100	Narrow Differential	101	Wide 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	½"NPT(F)	3	M20 x P1.5(F)
2	¾"NPT(F)	4	M25 x P1.5(F)
O	Option		

Code	Switch Function	
A	Dry Contact Microswitch	1SPDT
B	Option (Hermetically Switch)	
C	Dry Contact Microswitch	1SPDTx2 (DPDT)
D	Option (Hermetically Switch)	

Code	Float Material
	(1) SS316 (2) SS304 (3) SS316L

Code	Wetted Parts Material
	(A) SS316 (B) SS304 (C) SS316L

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= _____

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 + H_2 T6 Gb
B1	*(Taiwan Explosion Proof Certification)* SS316 / Ex d IIB + H_2 T6 Gb

Code	Micro Switch Rating
	5A / 250VAC
	5A / 125VAC
	2A / 30VDC

[ ][ ][ ][ ][ ][ ][ ][ ] + [ ][ ] L1= L2= [ ][ ] Complete Ordering Code

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