

DISPLACER LEVEL SWITCH

100 One Stage Series

EDW100 – Weather Proof Type

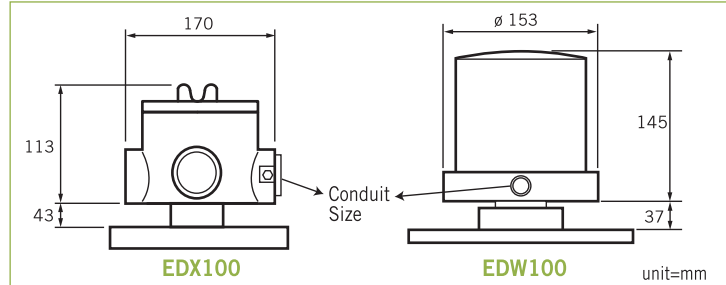
EDX100 – Explosion Proof Type

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.

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: 150°C, 200°C, and 350°C are on request
Float Size: ∅60.5 x 150mmL (based on Sp. Gr.=1.0)
 (Float size depending on the Sp. Gr. of application fluid.)

Housing



Switch Function

Dry Contact Micro-Switch	1SPDT		Dry Contact Micro-Switch	(DPDT)	
Option (Hermetically Switch)			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) 2 1/2" (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	1/2" NPT(F)	3 M20 x P1.5(F)
2	3/4" NPT(F)	4 M25 x P1.5(F)
0	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		



EDW100

EDX100

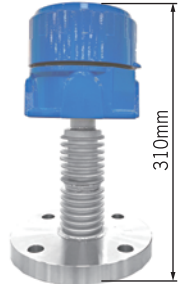
Without FIN
Max. 150°C



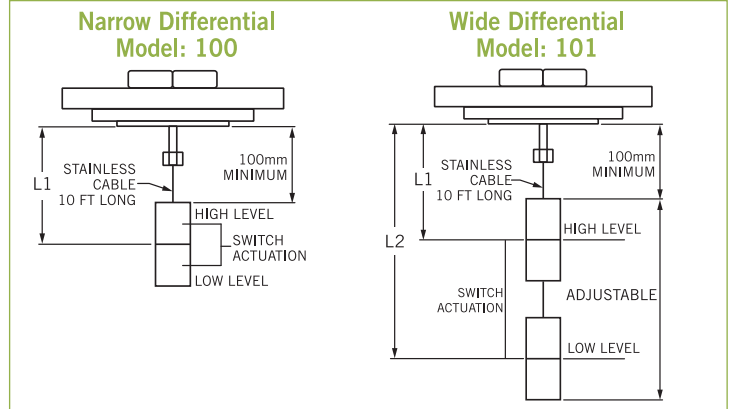
One FIN
Max. 200°C



Two FIN
Max. 350°C



Control



Wide Differential
Model: 101

Narrow Differential
Model: 100

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

Approvals:

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

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