

HORIZONTAL MAGNETIC LEVEL SWITCH

LXT203F Flange Type For High Temperature

LXT203F float-operated level switches are suitable for controlling liquid level at horizontal mounting. The float equipped with an extended arm moves a couple magnetic mechanism to actuate a microswitch to offer an ON-OFF contact for application. LXT203F is equipped with an extra fin to be able to work under high temperature environment.

Technical Data

Enclosure housing: Explosion proof— EEx d IIC-T6, II 2 GD; IP66

Process connection: 1½"~4" Flange type

Flange rating: JIS, ANSI, DIN available

Material: Wetted parts 316 stainless steel

Temperature limits: -20°C to +200°C or -20°C to +350°C

Pressure limits: 3.0 MPa (30 kg/cm²), option: up to 4.5 MPa

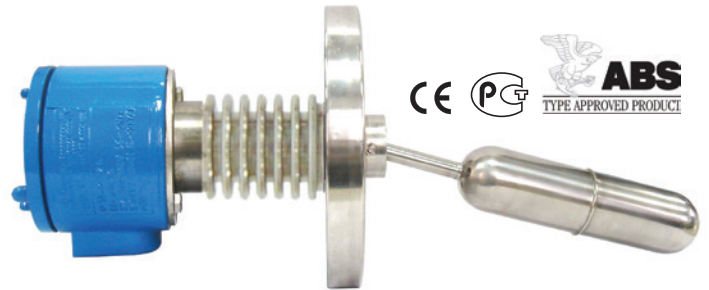
Float working specific gravity: ≥0.7

(option: less than 0.7 available on request)

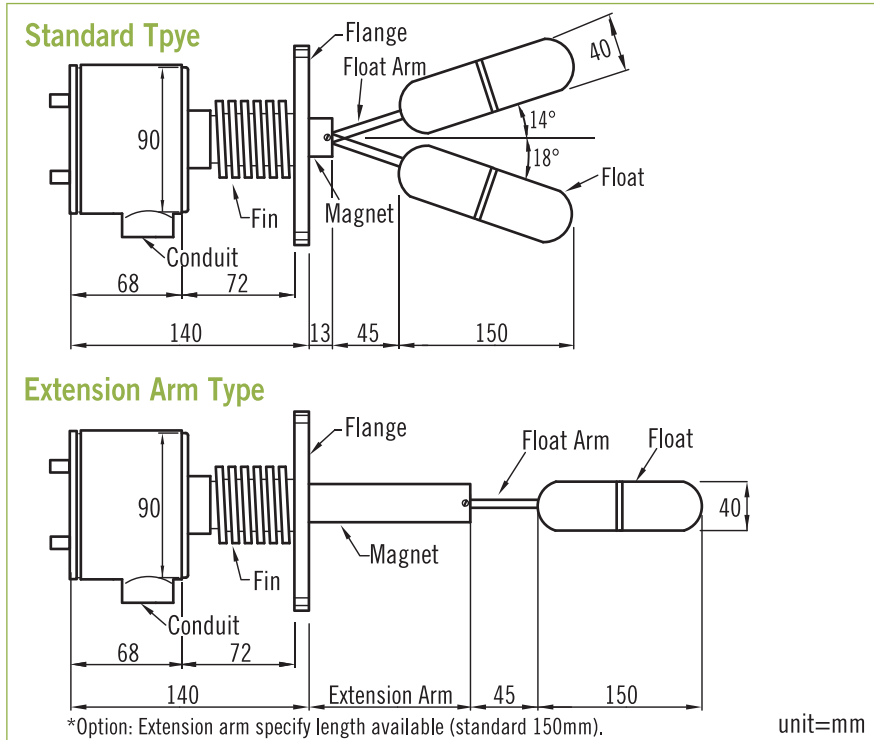
Switch function: SPDT Micro switch

Switch rating: 3A/250VAC, 5A/125VAC, 4A/30VDC

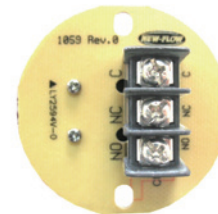
Conduit connection: ½"NPT, ¾"NPT female, option available



Dimensions



Wire Drawing



1 SPDT

Ordering Information

LXT203F	Code	Type
	S	Standard type
	E	Extension Arm Type
	Code	Process Connection Size
		(1) 1½" (2) 2" (3) 3" (4) 4" (5) Option
	Code	Process Connection Rating
		(A) JIS 10K (B) JIS 20K (C) ANSI 150# (D) ANSI 300# (E) PN16 (F) PN25 (G) option
	Code	Conduit Connection Size
		(1) ½"NPT (2) ¾"NPT (3) Option
	Code	Flange Material
		(1) SS316 (2) SS304 (3) Option
	Code	Max. Temperature Limit
		(A) -20°C to +200°C (B) -20°C to +350°C
LXT203F		Complete Ordering Code