

# 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/cm<sup>2</sup>), option: up to 4.5 MPa

**Float working specific gravity:** ≥0.7

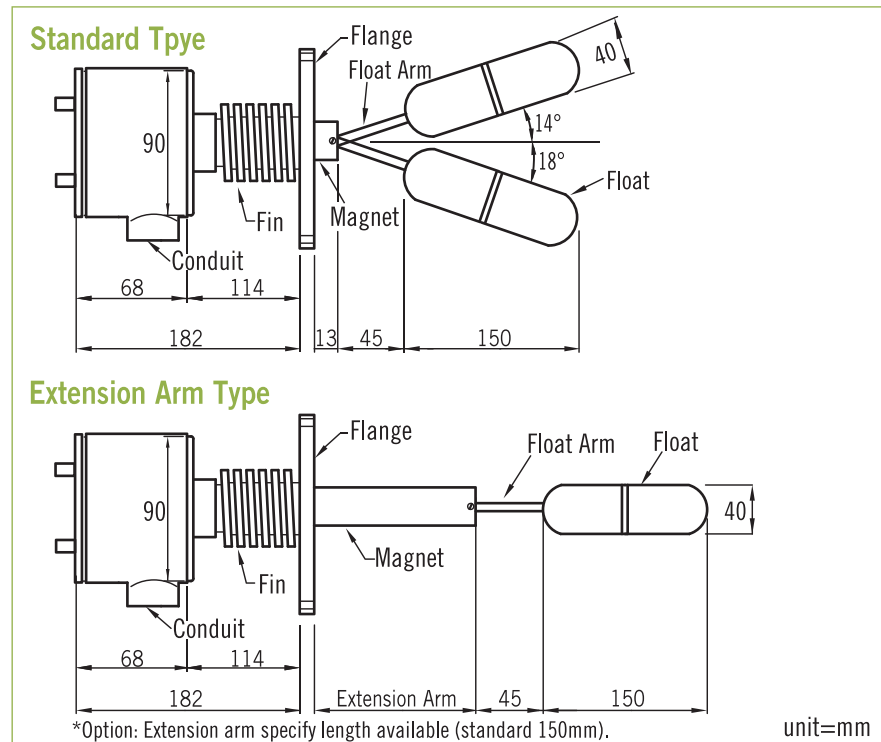
(option: less than 0.7 available on request)

**Switch function:** SPDT Micro switch

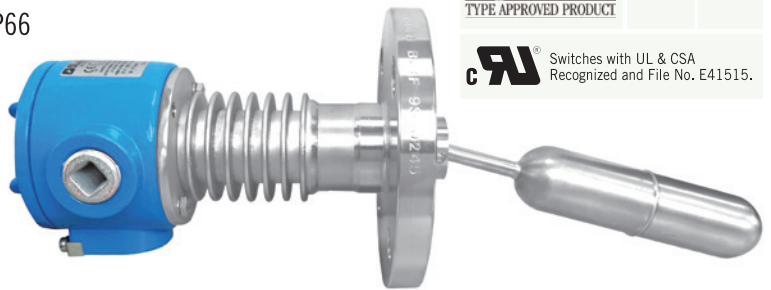
**Switch rating:** 3A/250VAC, 5A/125VAC, 4A/30VDC

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

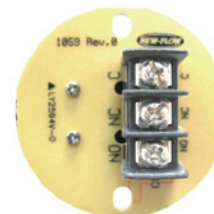
### Dimensions



### Approvals:



### 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