

# HORIZONTAL MAGNETIC LEVEL SWITCH

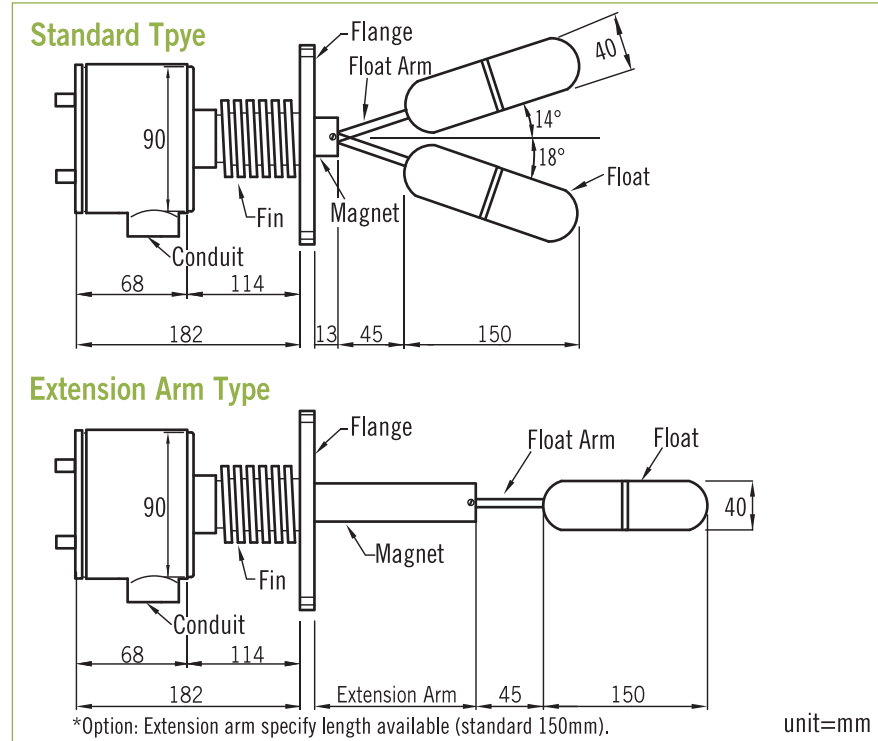
## LXT203F Flange Type For High Temperature

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.

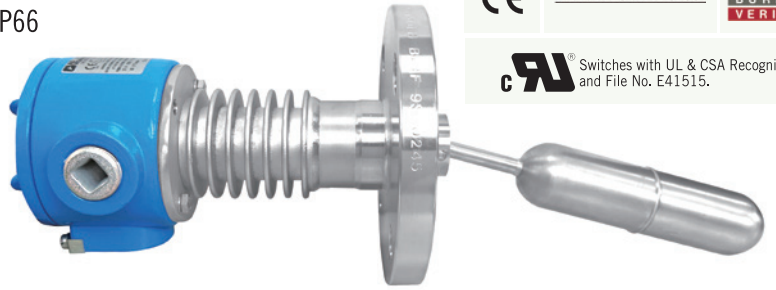
### Technical Data

- 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

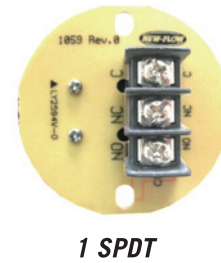
### Dimensions



### Approvals:



### Wire Drawing



### Ordering Information

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

**Complete Ordering Code**