

HORIZONTAL MAGNETIC LEVEL SWITCH

EXPLOSION PROOF LXT207

LXT207 float-operated with test device 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 micro-switch to offer an ON-OFF contact for application.

Technical Data

Enclosure Housing: Explosion proof- ATEX, ITRI/Taiwan approvals; IP68

Process Connection: 1½"~4" Flange type, or 1½"~3" Thread type

Flange Rating: JIS, ANSI, DIN available

Thread Rating: NPT, option available

Material: Wetted parts & Housing are in 316 stainless steel

Temperature Limits:

-20°C~+150°C: LXT-207-1, LXT-207-3, LXT-207-5

-20°C~+200°C or -20°C~+350°C: LXT-207-2, LXT-207-4

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

Switch Function: Micro switch 1 x SPDT or 2 x SPDT available

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

Conduit Connection Size: ½"NPT female, option available

Float Working Specific Gravity: 0.7 (option: less than 0.7 available on request)



II 2 GD
Ex d IIB + H₂ Gb T6
Ex tb IIIC Db T85°C

PATENT NO.

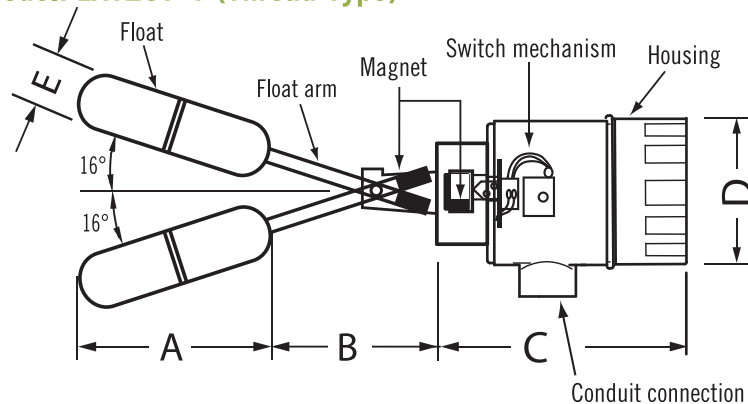
M334951



Ex d IIB + H₂ T6
工研院字號認證審核中
ITRI/Taiwan certificate examining

Dimensions- mm

Model: LXT207-1 (Thread Type)

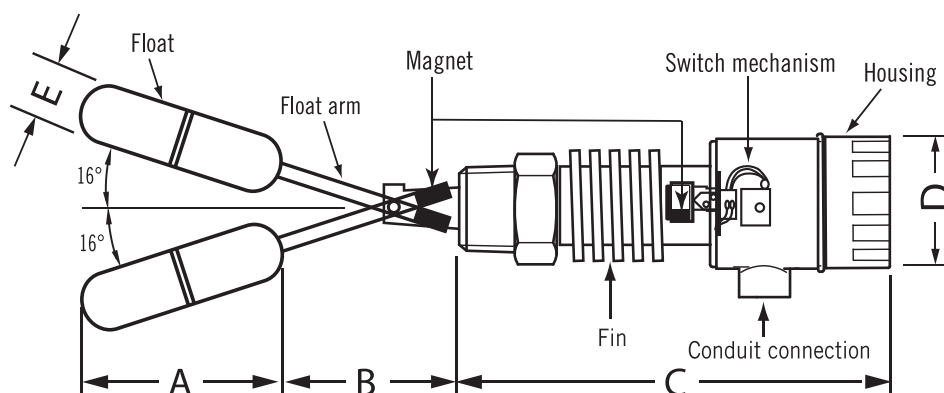


	A	B	C	D	E
mm	150	92	100	64	40

NOTE.

1. Special dimensions on request.
2. Extension length for B is available.

Model: LXT207-2 (Thread Type c/w Fin)

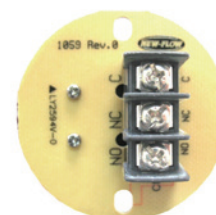


	A	B	C	D	E
mm	150	92	170 Approx.	64	40

NOTE.

1. Special dimensions on request.
2. Extension length for B is available.

Wire Drawing



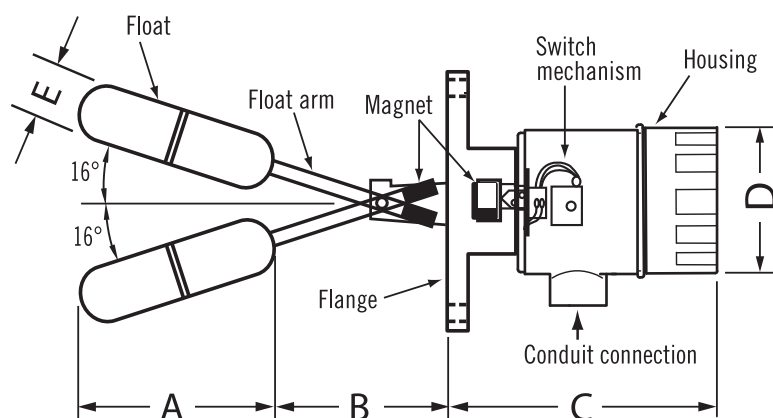
1 SPDT



2 SPDT

Dimensions- mm

Model: LXT207-3 (Flange Type)

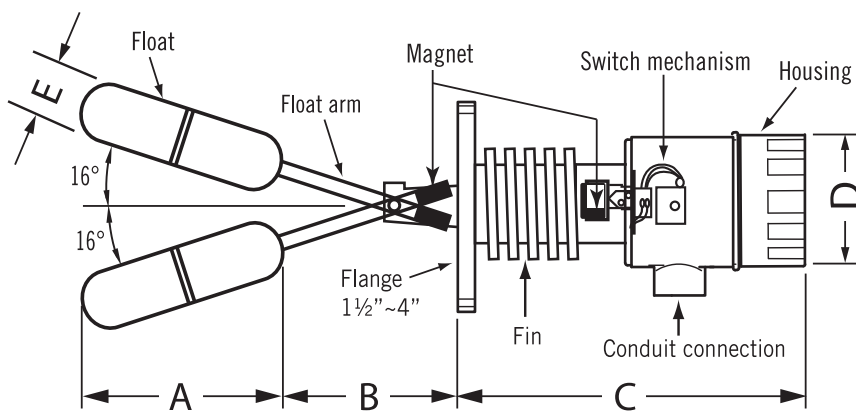


A	B	C	D	E
150	92	102 Approx.	64	40

NOTE.

1. Special dimensions on request.
2. Extension length for **B** is available.

Model: LXT207-4 (Flange Type c/w Fin)

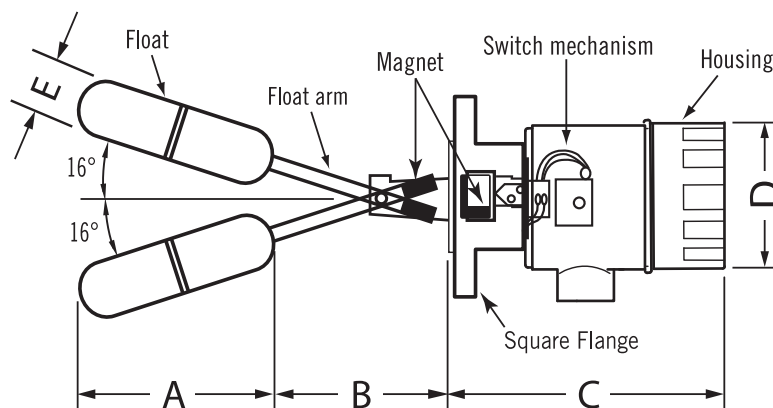


A	B	C	D	E
150	92	102 Approx.	64	40

NOTE.

1. Special dimensions on request.
2. Extension length for **B** is available.

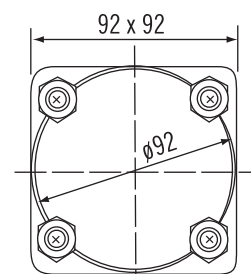
Model: LXT207-5 (Square Flange Type)



A	B	C	D	E
150	92	102 Approx.	64	40

NOTE.

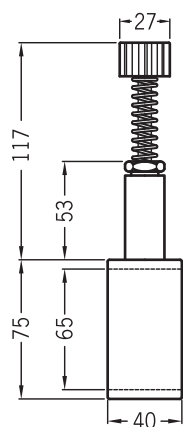
1. Special dimensions on request.
2. Extension length for **B** is available.



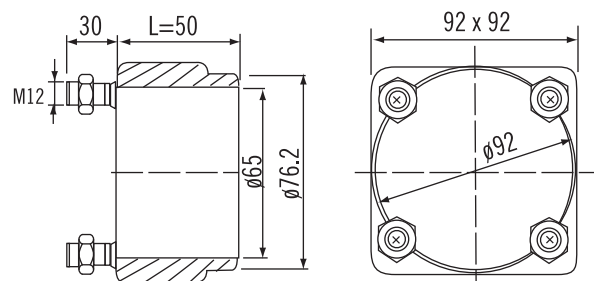
Square Flange

Added Device Accessories – only for LXT207-5 (Square Flange Type)

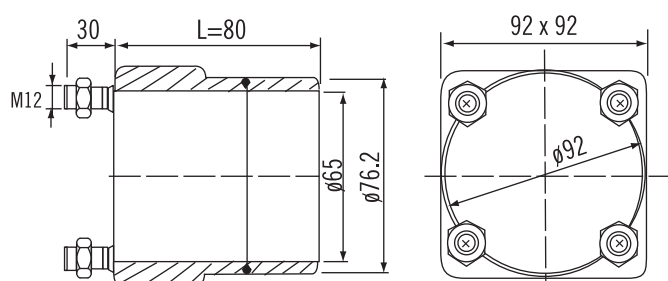
(A) Pipe with standard test device



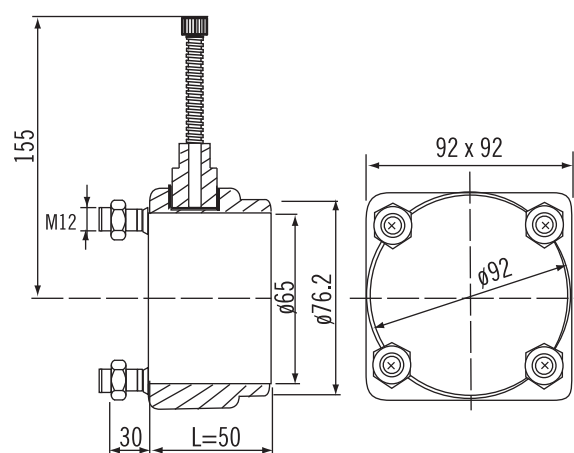
(B) Added Flange Device



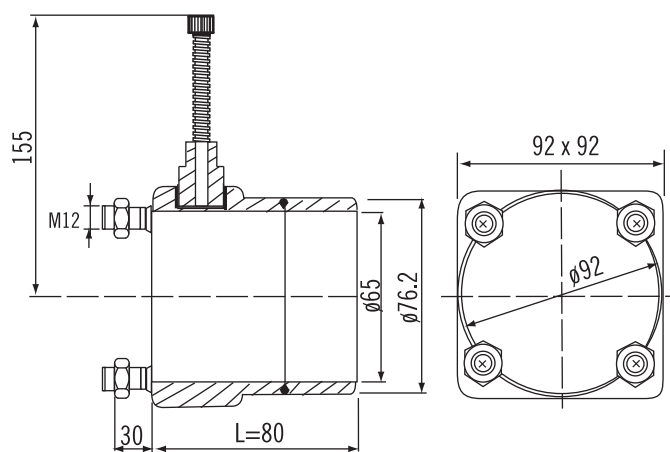
(C) Added Flange Device



(D) Added Flange With Test Device



(E) Added Flange With Test Device



LXT207	Code	Type
	1	Thread Type
	2	Thread Type c/w Fin
	3	Flange Type
	4	Flange Type c/w Fin
	5	Square Flange Type
	Code	Process Connection Size
		(1) 1½" (2) 2" (3) 2½" (4) 3" (5) 4" (6) Square Flange (only for LXT207-5)
	Code	Process Connection Rating
	F	(A) JIS 10K (B) JIS 20K (C) ANSI 150# (D) ANSI 300# (E) PN10 (F) PN25 (G) Square Flange (only for LXT207-5)
	T	(H) NPT (Thread type only) (O) option
	Code	Wetted Material
		(1) SS316 (2) SS304 (3) option
	Code	Conduit Connection Size
		(1) ½"NPT (2) ¾"NPT (3) option
	Code	Added Device Accessories (only select for LXT207-5)
	S	Standard Square Flange type, without test device
	A	Pipe with standard test device
	B	Added flange device (L=50mm)
	C	Added flange device (L=80mm)
	D	Added flange with test device (L=50mm)
	E	Added flange with test device (L=80mm)
	N	Without (for LXT207-1~4)
	Code	Switch Function- Micro Switch
	1	One switch, SPDT x 1
	2	Two switch, SPDT x 2
	Code	Explosion Type
	A	ITRI/TAIWAN - Exd IIB+H ₂ T6
	B	EC-Type Examination: ATEX - II 2 GD Ex d IIB + H ₂ Gb T6 Ex tb IIIC Db T85°C
	Code	Max. Temperature Limit
	A	-20°C to +150°C (only for LXT-207-1, LXT-207-3, LXT-207-5)
	B	-20°C to +200°C (only for LXT-207-2, LXT-207-4)
	C	-20°C to +350°C (only for LXT-207-2, LXT-207-4)
LXT207		Complete ordering code