

TYPE	CODE NO	NORM
OIL - A	411	DIN 42569
OIL - A1	421	--
OIL - B	434	--
OIL - B1	435	--

APPLICATION AND CONSTRUCTION

Form-A Oil Level Indicators are used in transformers of powers less than 5000 KVA for the purpose of monitoring their oil level. Indicator part has no contact with the oil. Oil level indicators do not allow oil leakage at temperatures of 110 °C, 0,5 bar effective pressure and vacuum.

Case: Injected Aluminum, electrostatic powder painted (RAL 7033 or RAL 7001)

Indicator dial: Aluminum sheet, coated with black paint and yellow serigraphy

Pointer: Yellow painted brass

Indicator glass: Polycarbonate (UV resistant)

Joint Gasket: Nitrile Rubber, hardness: 70 Shore A

Float: Oil resistant, closed cellular type special plastic foam

OPERATION PRINCIPLE

The radial movement of the float is transmitted magnetically to the pointer. The magnet connected to the float-lever mechanism, drives the polarized indicator magnet connected to the pointer.

DIMENSIONS AND ASSEMBLY

Table of Dimensions

TYPE	CODE	S	T	U	V	R	Z	Y	W	K
OIL - A	211	50	ø60	63	20	8.4	52	38	4	ø35
OIL - A1	221	65	ø80	85	27	7	70	62	4	ø40
OIL - B	234	50	ø80	68	20	7	55	46	5	ø40
OIL - B1	235	63	ø100	85	27	7.5	70	62	4	ø40

Recommended Installation Parameters

FLOAT LEVER LENGTH (*)	(L)	88	120	152	190	245	308
CONSERVATOR TANK DIAMETER	(D)	160	200	250	315	400	500
ECCENTRIC DEVIATION	(E)	25	40	60	90	130	160
INSTALLATION HEIGHT	(H)	75	88	107	130	160	200

