



U · P · I CO., LTD.

YOKOHAMA
JAPAN

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Miscellaneous Accessories

Horizontal Mounting Float Switch

Magnetic float type level switches are widely used for heavy fuel oil tanks, Settling tanks, Sludge tanks, Sewage tanks, Fresh water tanks, Lub. oil tank, Diesel tanks and others.

Type No : KD-12-#H-#-#
Maximum temperature : 120 °C
Maximum pressure : 10 kgf/cm²
Float : SUS316
Flange: ALBC2
Switch body : ALBC2
Switch contact rating : 250VAC, 5A
Cable Entry : PF1/2
Enclosure : Weather proof / Explosion proof



Vertical Mounting Float Switch

Magnetic float type level switches are widely used for heavy fuel oil tanks, Settling tanks, Sludge tanks, Sewage tanks, Fresh water tanks, Lub.oil tank, Diesel tanks and others.

Type No : KD-12-#V-#-#
Maximum temperature : 120 °C
Maximum pressure : 10 kgf/cm²
Float : SUS316
Flange: ALBC2
Switch body : ALBC2
Switch contact rating : 250VAC, 5A
Cable Entry : PF1/2
Enclosure : Weather proof / Explosion proof



Reed Switch Type Float Switch

Magnetic float type level switches are widely used for Bilge well

Type No : KD-30-##-##
Float : SUS304
Mounting Flange: SUS304
Housing : AC
Switch contact rating : 250VAC, 0.5A
Cable Entry : PF1/2
Enclosure : Weather proof / Explosion proof





Independent High & High High Level Alarm Monitoring System

This alarm system consist of level alarm sensor, IS Barrier and alarm panel. When the magnetic float moves upward with rising level, the hermetically sealed magnetic reed switch within the stem will be de-activated.

This switch will be in an open-state position, which output alarm. Also we can audible and visible alarm on the main alarm panel as well as external alarm on the bridge top.

The 95% of volume is normally for high alarm and 98% of volume is normally for overfill alarm.

Type No. : KD-30EX-###

Detecting accuracy : ± 2 mm

Switch contact rating : 250VAC, 3A

Specific gravity : 0.6 above

Housing : SUS304

Flange : SUS304 or SUS316

Guide pipe : SUS304 or SUS316

Float : SUS316

Anti-Explosion structure : Intrinsically safe type

Power supply : AC110 / 220VAC 60Hz (Back up 24VDC)



Pressure Transmitter

Transmitter has ceramic diaphragm and protected from over pressure.

Can be use for various kind of pump inlet and outlet pressure in our VRCS.

Type No. : PMC131-####

Measuring range : $-0.1 - 1.5$ MPa, $0 - 4.0$ MPa

Power supply : 12 - 30V DC

Output : 4 - 20 mA

Process temperature : $-20 - 100$ °C

Ambient temperature : $-20 - 85$ °C

Accuracy : $\pm 0.5\%$ with temp. drift



Temperature Transmitter

Type No : KD-TMT

Connection head : Aluminum die-casting

Protection class : IP54

Element : Pt100 DIN 3 wire

Measuring temperature : $0 - 600$ °C

