Multiple Level Switch LS-800E (1-7 switch points)

Max. contact loads of the reed switch:

SPST 100 VA; 3.0 A; 250 VAC (NC/NO). SPDT 20 VA; 0.5 A; 250 VAC (Change-over contact).

The data NC/NO are defined for: an empty tank / rising level.

Specifications Materials Stem Brass Stainless Steel Mounting elements Stainless Steel Brass Flange Stainless Steel only Float Buna N Stainless Steel PTFE **Operating pressure** 10 bar 30 bar 3 bar Float temperature -40°C to +80°C Water -40°C to +150°C -40°C to +150°C -40°C...+110°C Oil Min. specific gravity of the liquid 0.80 g/cm3 0.58 g/cm3 0.71 g/cm3 Depth of immersion at a density of 1 \sim 20mm \sim 30mm \sim 34mm Protection rating IP65 (IP64 for Potted Cable/Leads)

Mounting Direction

Tank top : O Bottom : U

Mounting Types

(Material: Stainless Steel or brass)

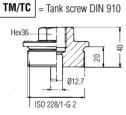
= Flange DN65-PN 16

185

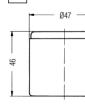
14

Ø12.7

BCC

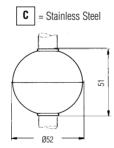


Floats



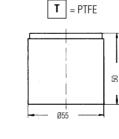
= Buna N

Ν



AM/AC

18



Ø12.7

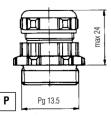
= Bulkhead fitting

M 30 x 2

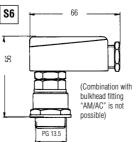
Pg 13.5

Electrical Connections

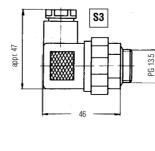
Pg 13.5 Cable and gland Cable standard length appr. 1m; Temperature: -20 ... +80°C



Plug connector acc. DIN43651* 6 poles + earth Temperature: -20...+90°C max switch points: Group 1 : 5, Group 2 : 3, Group 3 : 2, Group 4 : 2

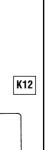


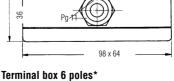
Plug connector acc. DIN43650* 3 poles + earth Temperature: -20 ... +90°C max switch points: Group 1 : 2, Group 2 : 1

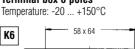


EM/EC = Put in plug G1/2 DM/DC = Put in plug G1/4 Hex27 Hex27 Hex17 Hex17 10 012.7

۲۵۱۲،۸ Available with Potted Cable/Leads Option only







36

Terminal box 12 poles*

Temperature: -20 ... +150°C

MULTI POINT

www.gems-sensors.co.uk

Pg 11

BOISWOOD

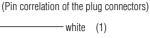
ube & Fitting

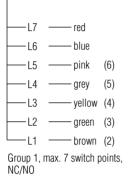


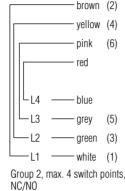
LEVEL SWITCHES

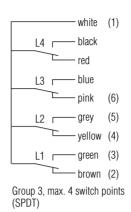
LEVEL SWITCHES

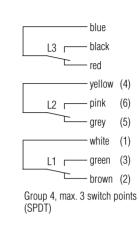
Switching Groups











Options

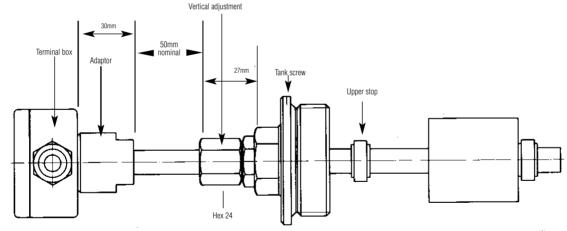
Vertical adjustment

Vertical adjustment is only available with tank screw (T). It allows the stem to be adjusted vertically, limited only by the distance from the top stop ring to the electrical connector less the thickness of the mounting.

(Combination with bulkhead fitting "AM/AC" is not possible)







Slosh shield

Temperature Switch

a temperature switch.

number of switch points by one.

Maximum Rating 2A, 120 Vac or 2A, 24 Vdc For full specification contact your sales office.

Each switch point can be equipped with a slosh shield, made from Stainless Steel, to avoid unintentional repetitive opening and closing of the switch due to turbulence or ripple. (Combination with tank screw "TM/TC" is not possible)

For Large or OEM applications the LS-800 may be fitted with

It is installed at the lower end of the stem and reduces the



63.5

