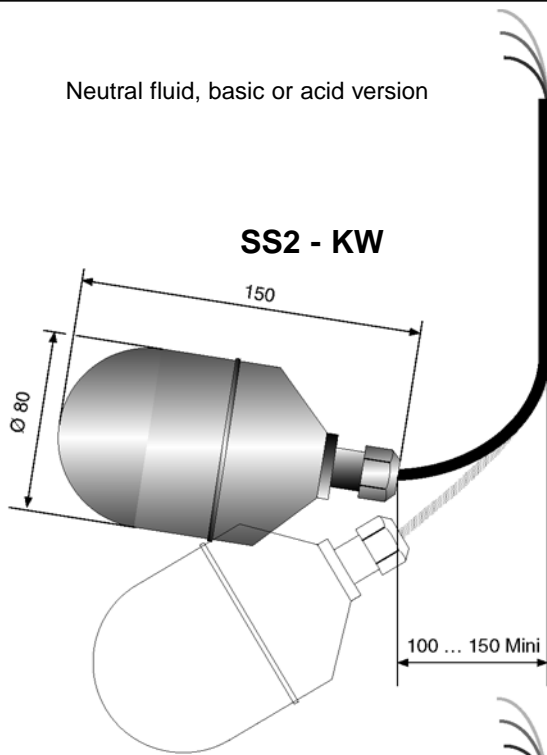


# LEVEL FLOATING CONTROLER SS2 SERIE

Neutral fluid, basic or acid version



**SS2 - KW**

- Change over microswitch
- High capacity rating
- Easy to install
- Neutral fluid, basic or acid version
- Oils version

## APPLICATIONS

Automatic operation to switch on and off pumps, to open or close valves, level alarm, to control any low and high level for liquids in all industries.

## CHARACTERISTICS

The floats are fully molded in polyethylene. The body is welded therefore perfectly tight.

A microswitch is used in conjunction with a balancing mass made of brass. The flexible cable is coated with PVC or polyethylene for Acidic versions. Cable for oils version is coated with a specific PVC allowing it to remain flexible.

All versions are equipped of a change-over switch with a high rating capability. The commutation occurs by clearing the horizontal axis with a narrow 10° operating angle.

For muddy liquids, viscous or loaded, the spherical float (SS2 KW) is preferably used.

## SPECIFICATIONS

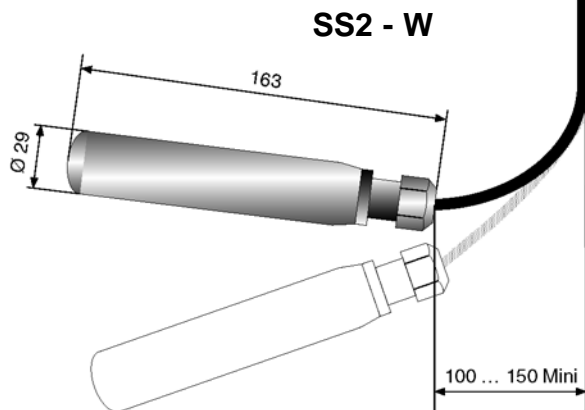
Switch	: Change over by Reed microswitch
Max rating	: 4 to 250 V dc - 1 mA to 3 A ac
Max temperature	: 5 to 60°C
Max pressure	: 0.5 bar (5 mH <sub>2</sub> O)
Density	: Mini 1 for cylindrical version SS2 W
Cable length	: 2, 5 or 10 m (other length: on request)
Float	: PE for both, spherical and cylindrical versions
Fittings	: PVC 1/2 " or 1" MG fittings
	: brass 1" MG fitting
Wetted parts cables	: (DIA 3,5 mm <sup>2</sup> x 3)
	Fluid neutral or basic : PVC
	Concentrated acids : PE
	Oils version : Special PVC

Setting with a PVC tube and an electrical junction box: on request.

## ELECTRICAL CONNEXION

With float in vertical position.

Brown	: NC
Black	: Common
Blue	: NO



**SS2 - W**

# BAMO MESURES

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01/07/2002

LEVEL FLOATING  
CONTROLER  
SS2 SERIE

5201101B

LEV

520/1

520

# LEVEL FLOATING CONTROLLER SS2 / HYP - MADE OF HYPALON (CSM)

Brown: Common  
Blue: NO  
Black: NC

- With 10 m cable (coated) CSM
- Adjustable external cord weight
- Max. pressure 5,5 bar
- Max. temperature 95 °C

## GENERAL

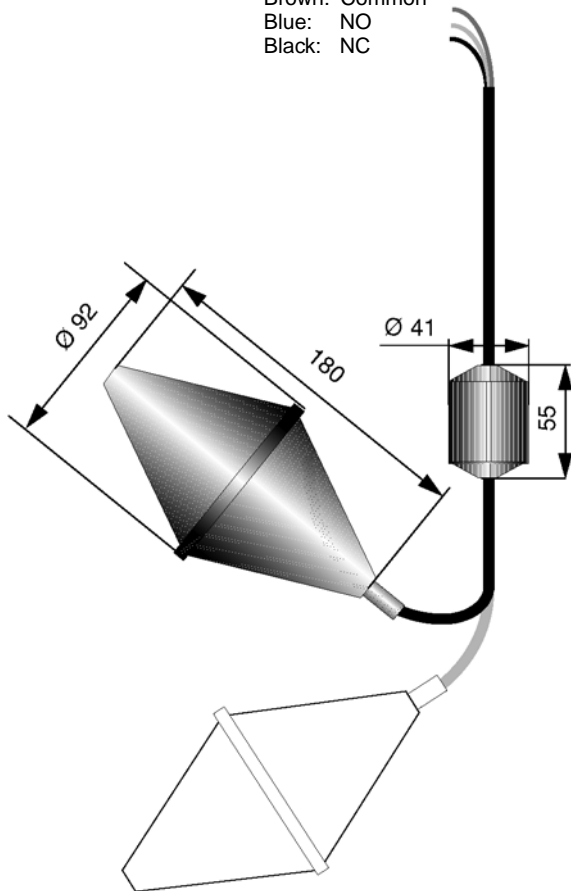
This level controller is similar to SS2 series units regarding its use and operation. The difference is that the float and cable are totally lined in CSM.

## SPECIFICATIONS

Length	: 180 mm
Max. Ø	: 92 mm
Weight (without cable)	: 570 g
Body	: CSM lined under pressure
Electric cable	: 3 wires - 1 mm <sup>2</sup>
Switch	: Change over Reed microswitch
Max rating	: 20 A / 250 V
Max. pressure	: 5.5 bar
Max. temperature	: 95 °C.
External cord weight	: Positionable (250 g)
Cable	: 10 m (other length: on request).

## READY TO INSTALL SYSTEMS

The level controllers SS2 are oftenly supplied on request mounted on a rigid tube with an electrical junction box and a flange. The flange is of a common type for level controllers.



SS2 - HYP

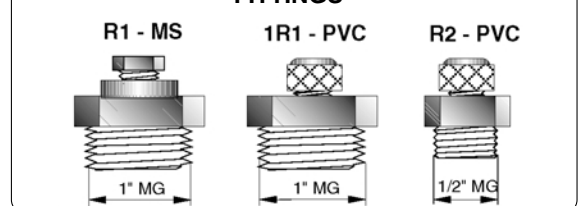
## SS2 - SS2 / HYP MODELS

Code	Cylindrical	Code	Spherical	Cable lenger	Model	Cable material
520 802	SS2 W 2			2 m	Standard	PVC
520 805	SS2 W 5	520 810	SS2 KW 5	5 m	Standard	PVC
520 808	SS2 W 10	520 815	SS2 KW 10	10 m	Standard	PVC
520 830	SS2 WA 2	520 832	SS2 KWA 2	2 m	Acid	PE
520 834	SS2 WA 5	520 835	SS2 KWA 5	5 m	Acid	PE
520 837	SS2 WA 10	520 838	SS2 KWA 10	10 m	Acid	PE
520 845	SS2 WH 2			2 m	Oil	Special PVC
520 845	SS2 WH 5			5 m	Oil	Special PVC
520 850	SS2/HYP-10	Conical		10 m	Hypalon (CSM)	Hypalon (CSM)

## FITTING ACCESSORIES

Code	Model	Type	Material
520 500	1R1-PVC	1" MG	PVC
520 510	R2 -PVC	½" MG	PVC
520 530	R1-MS	1" MG	Laiton
520 600	CE 100	Lock-nut 1" G	PPH
520 610	CE 12	Lock-nut ½" G	PPH
520 603	CE 100 L	Lock-nut 1" G	Laiton

## FITTINGS



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LEVEL FLOATING  
CONTROLLER  
SS2 - HYPALON (CSM)

LEV

520/2

01/07/07

520 11 01 B