

## Level Sensor - Side Entry

Liquid level sensors in a wide range of materials, switching and fitting options. With UL & WRAS models

### Typical Applications

- Water, Waste water
- Fuels, oils
- Alcohols, chemicals
- Organic solvents



Product Series	Mounting	Material	Temperature Range	Fitting	Contact Forms	Maximum Switching Volts	Maximum Switching Current Amps	Maximum Power Watts
LS	Side Entry	Glass Filled Nylon 6.6 Polypropylene PPS	30..+130°C	Internal External	SPST SPDT	250 V AC	1.0	40 to 70
LCS	Side Entry Push Fit	Acetal	-30..+60°C	External Push Fit	SPST	250 V AC 200V DC 48V DC	1.0	40
LDS	Side Entry	Glass Filled Nylon 6.6 Glass Filled Polypropylene	-30..+130°C	External Internal	SPST	250V AC 200V DC	1.0	70
RCS	Side Entry Right Angle	Polypropylene Nylon 6.6 PPS/Kynar	30..+110°C	Internal External	SPST	250V AC 200V DC	1.0	30

## Level Sensor - Top or Bottom Entry

The extended range of sensors in plastics, brass and stainless steel can have up to 3 floats and up to a metre long

### Typical Applications

- Water, Waste water
- Fuels, oils
- Alcohols, chemicals
- Organic solvents



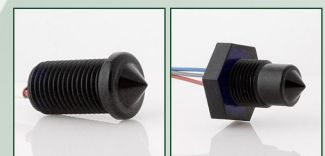
Product Series	Mounting	Material	Temperature Range	Fitting	Contact Forms	Maximum Switching Volts	Maximum Switching Current Amps	Maximum Power Watts
EVS	Vertical	Nylon 6.6 Brass	-30..+110°C	Internal External	2 x SPST	125 V AC 175 V DC	0.4A DC 0.28A AC	5
VS	Vertical	Glass Filled Nylon 6.6 Glass Filled Polypropylene	-30..+130°C	Internal External	SPST SPDT	175 V DC 200 V DC 125 V AC 250 V AC	0.4A DC 0.28A AC 1A	5 / 70
VCS	Top or Bottom	Polypropylene Nylon 6.6 Kynar Stainless Steel	-30..+110°C	Internal	SPST	200 V DC 250 V AC	1.0	30

## Level Sensors - Solid State

Optical liquid level sensing, with NPN or PNP outputs to switch for logic circuitry

### Typical Applications

- Water, Waste water,
- Chemicals
- Cooling systems



Product Series	Mounting	Material	Temperature Range	Fitting	Max Pressure Bar	Output Volts in Air	Maximum Switching Current Amps	Hysteresis	IP Rating
OS	Top or Bottom Various Threads	Polysulphone housing	-30..+80°C	Internal External	Up to 20	< 1	15mA Typ.	1 mm	IP65

## Flow Switches

Flow switches available in 3/4 BSP + APT fittings, Noryl & Brass material with low volts and ac control circuitry, switching less than 1 L/min

### Typical Applications

- Mains water control
- Power shower
- Central heating systems
- Circulation pump protection
- Leak detection



Product Series	Mounting	Material	Temperature Range	Fitting	Contact Forms	Maximum Switching Volts	Maximum Switching Current	Maximum Power Watts
FS	Vertical, flow upwards Any Axis	Noryl Brass Copper	-30..+100°C	Inline	SPST	200 V DC 250 V AC	1.0 3.0	40

## Position Sensor

Wide range - surface mounted series, reed switches, cylindrical and sub miniature.

### Typical Applications

- Door interlocks
- Hook switches
- Security systems
- Safety interlocks
- Position indication



Product Series	Mounting	Material	Temperature Range	Fitting	Contact Forms	Maximum Switching Volts	Maximum Switching Current Amps	Maximum Power Watts
PS	Any Axis	Glass Filled Nylon 6.6 Pocan Stainless Steel	-30..+130°C	Surface Mount Cylindrical Through Hole	SPST SPDT	160 V DC 200 V DC 250 V AC	0.25 to 1.0	5 to 30

## PM Series – Magnets

Wide range - to suit PS series

### Typical Applications

- Door interlocks
- Hook switches
- Security systems
- Safety interlocks
- Position indication



Product Series	Mounting	Material	Temperature Range	Fitting	Comments
PM	Any axis	Glass Filled Nylon 6.6 Stainless Steel Threaded Barrel with nuts	-30..+120°C	Surface Mounted by fixing screws Slot / hole Mounted	Selected to operate with Relevant PS Series

