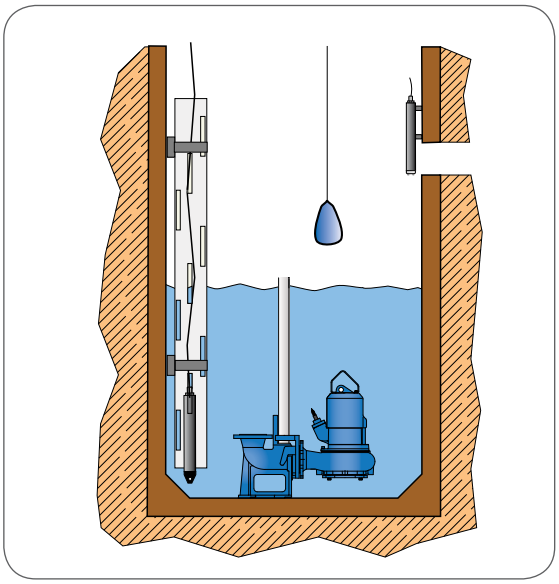
CONDUCTIVE LEVEL SWITCH

KV

GB

- **Sensitivity 25 µS-750 µS**
- **Transistor output, combined NPN and PNP**
- **Easy to mount**
- **Submersible, IP 68**
- **Large temperatur range, -20 ºC to +60 ºC**
- **Handles wastewater**



210258 GB 11.05

Technical specifications

Material:

Cable:	PVC
Body:	PVC
Dome:	PTFE
Sensor rods:	Stainless steel

Dimensions:

Lenght:	500 mm
Diam:	ø 32 mm

Powersupply:	9-30 VDC
Temperature range:	-20 ºC to +60 ºC
Sensitivity:	25 µS to 750 µS
Consumption:	max 30 mA
Output current PNP/NPN:	max 0,2 A
Cable:	5 m, 4 x 0,5 mm^2

Description

The KV is a conductive level switch, primarily used as overflow switch in sewage pumping pits.

The KV can also be used in other applications where the conductivity of the media is between 25 and 750 µS/cm.

The unit is factory set to 100 µS/cm at delivery.

The KV has both NPN and PNP transistor output and is connected via a 5 m, 4 wire cable.

The sensing part is made as an airdome with 2 stainless steel rods.

The air dome in combination with the material in the air dome (PTFE) reduces the risk for clogging of the sensor.

Via a potentiometer and a LED the sensitivity can be changed within the range from 25 to 750 µS/cm.

Connections

Signal:	**Cable:**
Supply +	White
Supply -	Brown
NPN	Green
PNP	Yellow

| ABS Group | Phone +46 8 725 49 30 | Fax +46 8 659 33 14 | info@absgroup.com | www.absgroup.com |