

Conductive Level Switch Type ABS MD 131

SULZER

The MD 131 is a conductive level switch, primarily used as overflow switch in sewage pumping pits.

The unit is factory set to 20 $\mu\text{S}/\text{cm}$ at delivery. The MD 131 has both NPN and PNP transistor output and is connected via a 15 m, 4 wire cable. The sensing part is made as an airdome with 2 stainless steel rods. The sensor head is made of PTFE to reduce the risk of clogging and therefore improving the overall availability.

Features

- Sensitivity 20 μS
- Transistor output, combined NPN and PNP
- Easy to mount
- Submersible, IP 68
- Large temperature range, -20 °C to +50 °C
- Handles wastewater



Technical specifications

Description	
Material:	
Cable	PVC
Body	PVC
Dome	PTFE
Sensor rods	Stainless steel
Dimensions:	
Length	500 mm
Diameter	\varnothing 32 mm
Power supply	8 - 36 VDC
Temperature range	-20 to +50 °C (-4 to +122 °F)
Sensitivity	20 μS
Consumption	max 8 mA
Output current PNP/NPN	max 0.2 A
Cable	15 m, 4 x 0.5 mm ²

Connections

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

