CLS5
Capacitive level switch

Sensor element in PP
Suitable for control of granules and powders
IP67 protection
Cable in HDPE
Max length 6 m

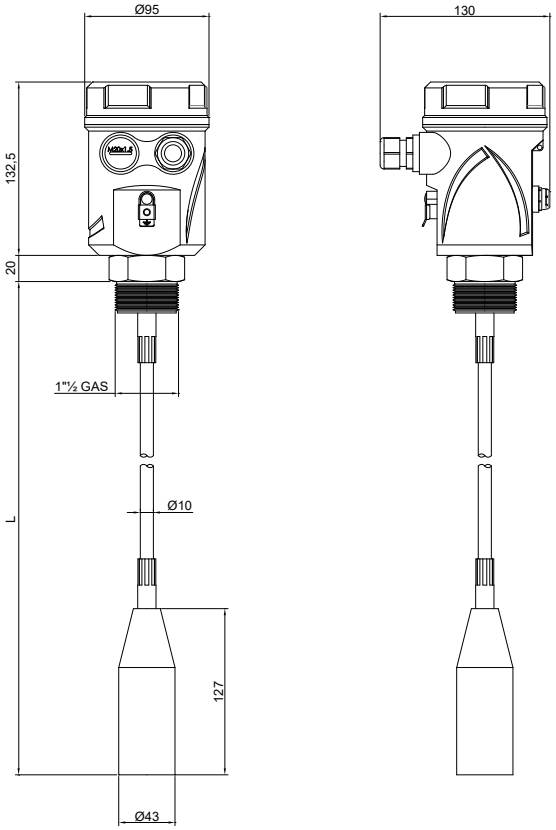
CLS5 is a capacitive level control instrument that uses an advanced technology. CLS5 is equipped with a sensor in PP heat-sealed. This allows its use in a wide applications range for the level control in granules or powders such as cement, flour, feed for animals, etc. .. CLS5 is easily configurable via the VL602 module. Maximum tensile load 3000 N.

Technical Feature

Housing material
polycarbonate
Process connection material
AVP
Rope material
PHED
Sensor material
Polycarbonate
Process conntection
1”½GAS M
Tensile strength
max 3000N (<40°C); max. 2800N (80°C)

Pressure
-1÷+6bar
Working temperature
-30 ÷ +70°C; +80°C
Power supply
20÷36Vdc; 20÷255Vac 50/60Hz
Electrical connections
Terminal
Output
Relay 3A 230Vac
Mode of intervention
min or max

Delay
0÷30s.
Calibraton
4 buttons
Warm up
1 minut
Display
Plug-in display/keyboard 4 buttons matrix LCD



CLS5 PEHD insulated rope level switch for granulates

Process connection, G1"1/2 / galvanized steel
Product temperature range : -30° ÷ +70°C (80° non continuous)
IP67 mechanical protection
Extension with PEHD isolated steel cable
Power supply: 20÷36Vdc / 20÷255Vac 50Hz
0,8W or 15VA max power consumption
Relay output rating 250Vac, 2A
Setting by VL602SGM keyboard/display removable module (opt.)

	Version	
	A	Compact with transparent cap, IP67
	B	Compact with blind cap, IP67
	Z	Special
	Extension length	
	1	L = 1500mm
	2	L = 2500mm
	3	L = 3000mm
	4	L = 4000mm
	5	L = 6000mm
	9	Special
	Accessories	
	A	None
	D	VL602 keyboard/display programming module (VL602SGM)
	Z	Special