



# PRESSURE SWITCH FOR BROKEN LINE DETECTION

## CHARACTERISTICS

- VOLTAGE UP TO 10° 250V CA OR 5° 24V CC
- IP 55 PROTECTION GRADE
- OPERATING PRESSURE  
5 °F ÷ 176 °F
- MAX WORKING PRESSURE  
MAX 2902 PSI
- 1/8" THREAD

## FLOW CONTROL SYSTEMS

### PRESSURE SWITCH FOR BROKEN LINE DETECTION

1655130 – 1/8" THREAD – WITH SEAT FOR Ø6 MM. TUBE

1655131 – 1/4" THREAD – WITH SEAT FOR Ø8 MM. TUBE

This valve controls than in any hydraulic circuit, there is a steady stream of pressurized oil.

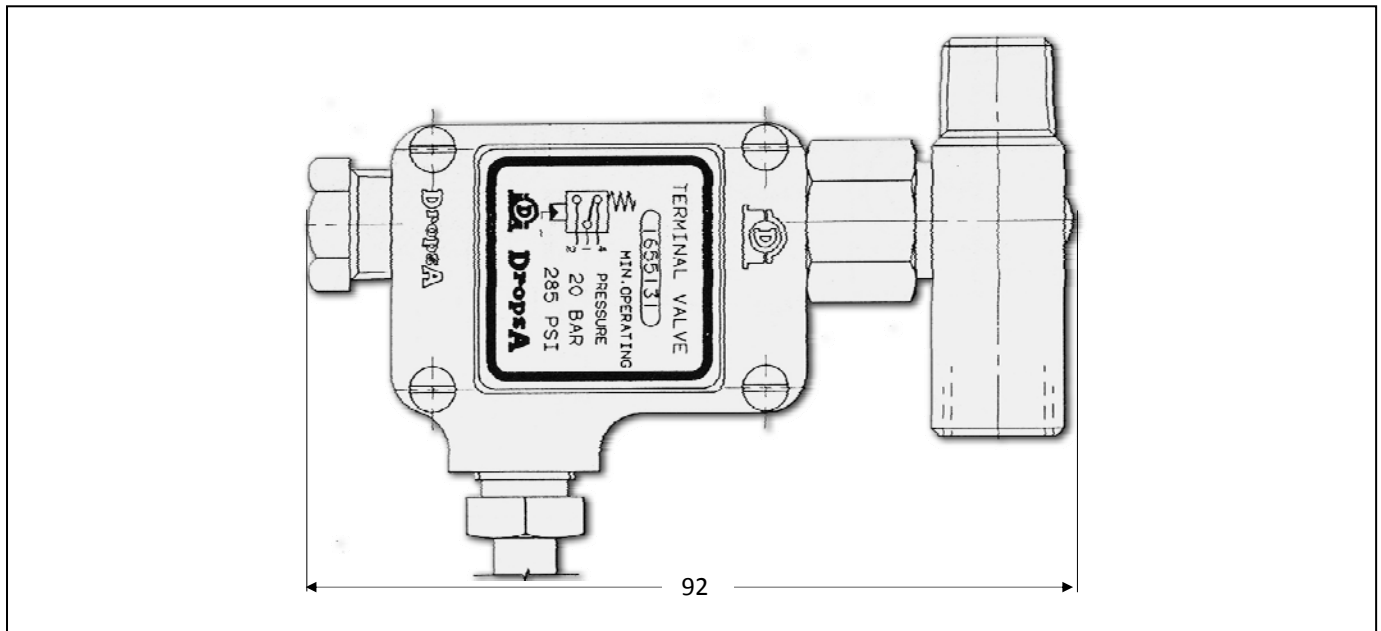
In particular it is used to check the possible loss or breakage of the tubing between the dispenser and the lubrication point.



### INSTALLATION

The switch is usually mounted on the lubrication point.

The dosing valve's outlet should be equipped with a non-return valve, i.e. type 92313, to avoid a backflow of the lubricant, that could activate the alarm, even when the pump is willingly stopped and no fault on the line has occurred.



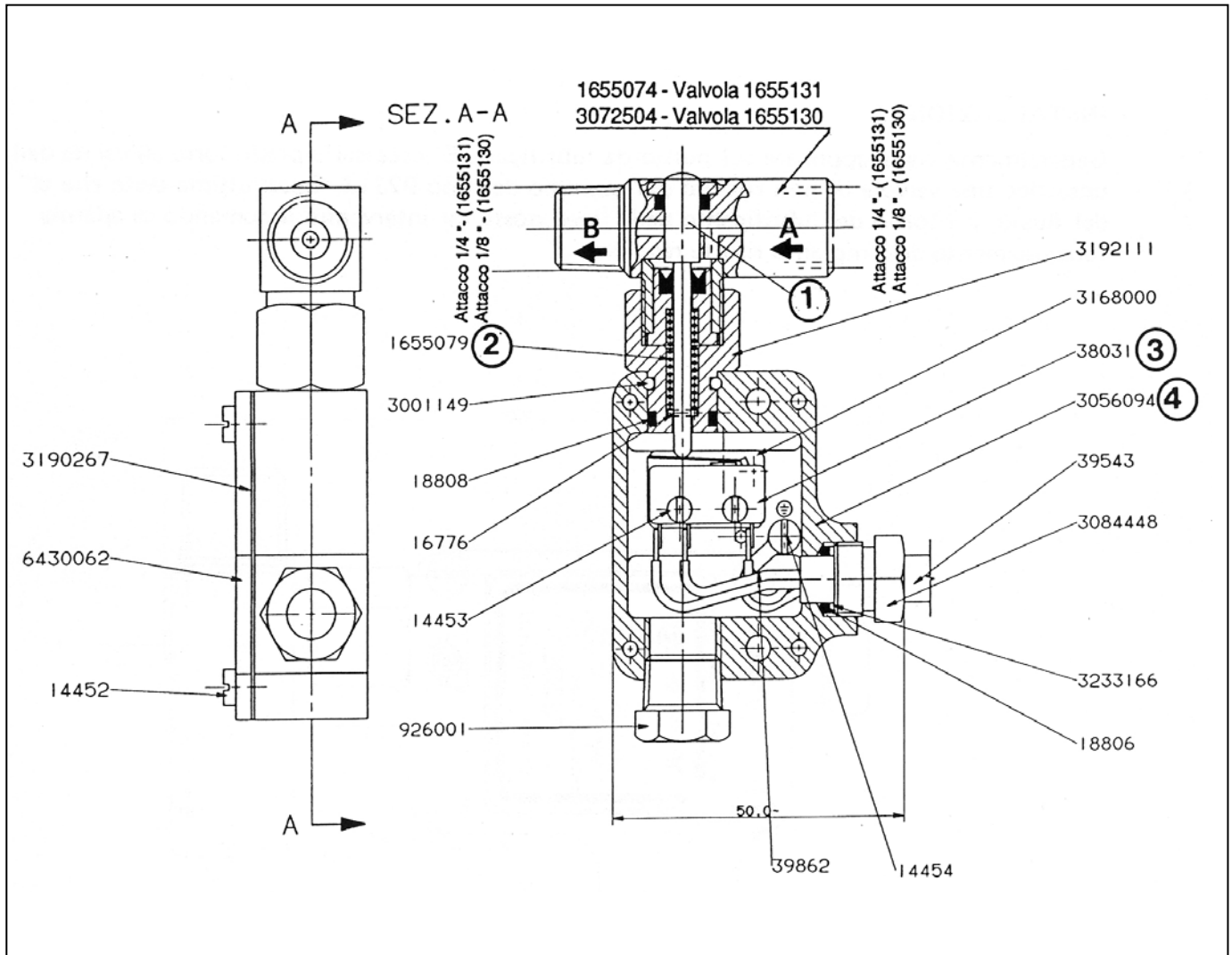
## TECHNICAL INFORMATION

TECHNICAL SPECIFICATIONS	
Voltage	Up to 10° 250V CA or 5° 24V CC
Protection	IP 55
Operating temperature	5 °F ÷ 176 °F (-1 5°C ÷ 80° C)
Max working pressure	2902 psi (200 bar)

## OPERATING PRINCIPLE

The lubricant lifts the piston **1** and loads the spring **2** in order to flow from point **A** to point **B**. The alarm signal is activated by the micro-switch **3** located inside the aluminum casing **4**. In case of rupture or lubricant leakage on the line between the divider and the terminal point, the spring **2** pushes back the piston **1**, which activates the micro-switch **3**.

In this way we have an alarm signal due to the change of state of the switch.



## ORDERING INFORMATION

POS.	DESCRIPTION	Q.TY	PART. No
1	Pistone	1	1655074
2	Molla	1	1655079
3	Microinterruttore	1	0038031
4	Flangia per Microinterruttore	1	3056094