



DP735

Pressure switches DP735(-L)

- Pressure switch for HVAC applications
- Medium : water
- Automatic reset
- Measuring range : -20...1000kPa (DP735)
- Differential : 100...450kPa (DP735)
- Potential-free contact
- Switching output 16(10)A, AC 230 Volt
- IP30

Water



Description

The pressure switches with automatic reset, type DP735(-L), may be used for control functions or limit functions. These pressure switches are provided with alarm contacts. DP735(-L) has phosphor bronze bellows and brass pressure connections.

The switching differential can be adjusted by turning a hexagonal nut on the differential adjusting screw located inside the control cover.

Note

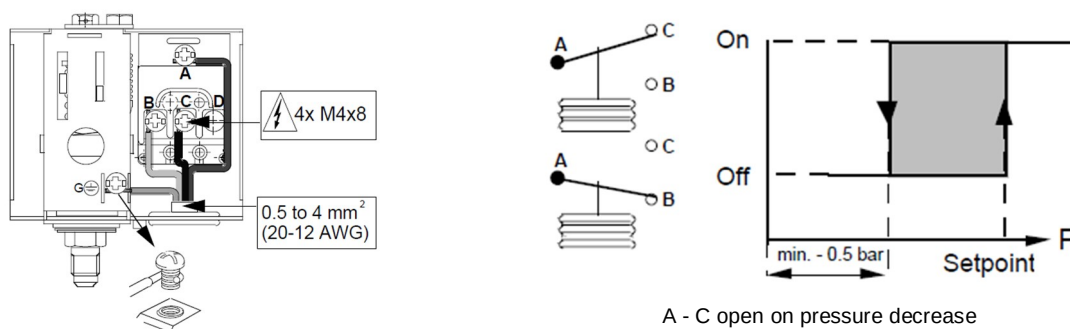
The DP735(-L) pressure switches are intended to control equipment under normal operating conditions. Where failure or malfunctioning of the controls could lead to an abnormal operating condition that could cause personal injury or damage to the equipment or other property, other devices (limit or safety controls) or systems (alarm or supervisory systems) intended to warn of or protect against failure or malfunctioning of the controls must be incorporated into and maintained as part of the control system.

Technical data

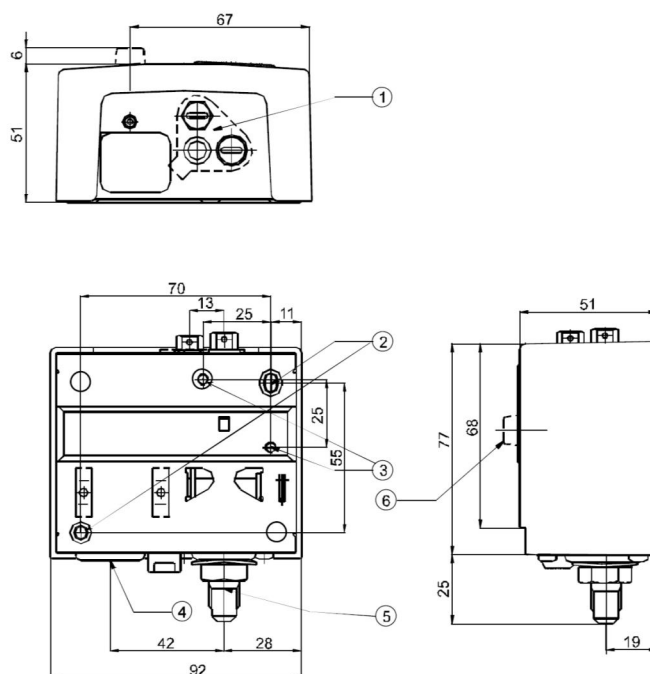
DP735(-L)

	DP735	DP735-L
Maximum bellows pressure	1500kPa	2200kPa
Pressure range (p)	-20...1000kPa	-50...700kPa
Differential	100...450kPa	50...300kPa
Reset	automatic	
Process connections	G ³ / ₄ "	
Switching contacts	16 (10) A / AC 230 Volt	
Ambient temperature	-30°C .. +55°C	
Degree of protection	IP30	

Wiring diagram



Dimensions



1. lock plate (if applied)
2. two mounting holes Ø 4.5 mm
3. two mounting holes Ø M4 (back side)
4. cable inlet grommet (cable range to Ø 16 mm)

Ordering information

Type	Pressure range	Adjustable differential	Differential	Contact rating	IP30
DP735	-20..1000kPa	●	100..450kPa	16(10)A	●
DP735-L	-50..700kPa	●	50..300kPa	16(10)A	●

Belparts and energetx are registered trademarks of Belparts NV.