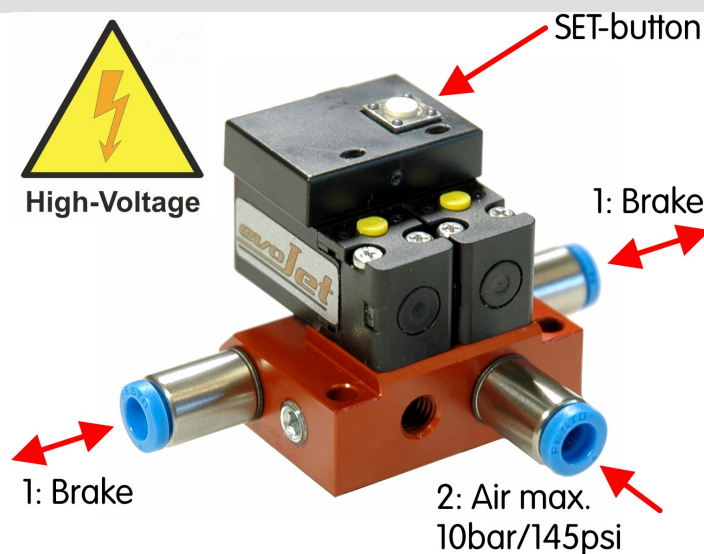


Technical Instructions **PRO-HV Proportional** brake valve [0982]

Please read carefully before use!

Overview



The evoJet **PRO-Proportional – brake valve** is made for wheel-brakes using compressed air. For a scale-like and controlled braking the valve uses proportional air dosage. A double working valve technique (fill or drain) needs just a minimum amount of compressed air (low loss).

Factory setting

Both valves are preset to match 100% R/C-travel way. That is +100% => ON-full-brake and -100% => OFF-no-braking. To match your model, respective your radio system, both points (full-brake and no-braking) can be programmed to any R/C position.

Programming

- Pressing the **SET-button** for **1-2 seconds** teaches 'OFF = no-brake'. The **status LED** confirms this with a flash.
- Holding the **SET-button** for more than **5 seconds** teaches 'ON = full-brake'. The **status LED** confirms this with a flash.
- The **valves** should now follow the control input from the R/C transmitter. The **status LED** indicates fill/brake air or drain/release air.
- The pressure control for the brakes can be varied by extending (softer) or cutting (harder) the tube lines between the valve and the brakes. A total tube line of 1,5 – 2 meter = 60" - 80" is a good proven length.

Pressure range	Max. 10 bar / 145 psi 12 l/min
Connection	M5 thread universal for different fittings
Weight	35 g (1.24 oz)
R / C	Futaba/JR/UNI 4.8V– 8.5 V 150 mA
Dimensions (W x H x D):	32 x 22 x 25 mm