

Title (en)
PNEUMATIC MODULES AND SYSTEM FOR PROPORTIONAL CONTROL

Title (de)
PNEUMATISCHE MODULE UND SYSTEM ZUR PROPORTIONALEN STEUERUNG

Title (fr)
MODULES PNEUMATIQUES ET SYSTÈME DE COMMANDE PROPORTIONNEL

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Application
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Abstract (en)
[origin: EP3561316A1] A pneumatic master module for pressure or flow proportional control comprises a master module valve body, a master proportional electrovalve, a relative pressure sensor for detecting the pressure of the regulated flow of pressurized air downstream the master proportional electrovalve, an electronic control unit adapted to drive the master proportional electrovalve and a slave proportional or on/off electrovalve of a respective slave module according to a pressure signal provided by the relative pressure sensor, the electronic control unit being further configured to implement a digital communication bus interface for data exchanging with other master modules. The relative pressure sensor and the electronic control unit are mounted on an electronic printed circuit board. A master male-type inlet electronic connector and a master female-type outlet connector are mounted on parallel opposite sides of the master electronic printed circuit board. [Fig. 4]

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