Title (en)
  PRESSURE SWITCH

Title (de)
  DRUCKSCHALTER

Title (fr)
  COMMUTATEUR DE PRESSION

Publication
  EP 3800654 B1 20220413 (EN)

Application
  EP 20198846 A 20200929

Priority
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Abstract (en)
  [origin: EP3800654A1] An objective of the present invention is to provide a manually reset type of pressure switch which operates more precisely, including the reset state. The objective is achieved by a pressure switch 1 includes a diaphragm 44 (pressure-sensitive element), a transmission element 62 for transmitting deflection thereof, a microswitch 3 (switching means) for switching its conductive state from a first state to a second state when the transmission element 62 is moved forward to a first position, wherein the microswitch 3 is configured to switch its conductive state from the second state to the first state when the transmission element 62 is moved backward to a second position which is located more backward than the first position, and a positioning means 9 for positioning the transmission element 62 in a forward/backward movement direction D11 to an intermediate position between the first position and the second position, a reset means 10 for releasing positioning the transmission element 62 by the positioning means 9 to bring the transmission element 62 into a free state in which the transmission element 62 is movable along the forward/backward movement direction D11.

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