

Title (en)
Mano contact with two thresholds.

Title (de)
Manokontakt mit zwei Schwellen.

Title (fr)
Mano-contact à deux seuils.

Publication
EP 0190952 A1 19860813 (FR)

Application
EP 86400034 A 19860109

Priority
FR 8500376 A 19850111

Abstract (en)
[origin: ES8702671A1] A two-threshold pressure switch, for example for providing an early warning and an alarm condition concerning oil pressure in a hydraulic circuit for lubricating or braking a vehicle, comprises an insulating housing (1) bearing contact blades (spade-type blades 5 and 6), and receiving a moving member (14) driven by a pressure-sensitive membrane (12) and supporting contact members (16, 17) for making selective contact with a fixed conductive cup (10). In accordance with the invention, said fixed cap closes a cavity (9) in said insulating housing (1) in such a manner that said moving member (14), said contact members (16, 17), and resilient contact member holding means (22, 23) are all located on the same side of the cap (10). Said moving member (14) is in the form of a sleeve having a first one of said contact members (16) slidably mounted on its outside and having a second one of said contact members (17) slidably mounted on its inside. Different outside and inside abutments (27, 15) are associated with respective ones of said contact members to provide two different pressure thresholds for said switch.

Abstract (fr)
Le mano-contact à deux seuils comporte un boîtier isolant (1) portant les languettes de contact (5, 6) et recevant une coupelle conductrice (10) et une membrane (12) soumise un organe mobile (14) supportant des organes de contact, à la pression. Conformément à l'invention, la coupelle fixe conductrice (10) sert de fond à la cavité (9) du boîtier isolant, de sorte que l'organe mobile isolant (14), les organes de contact (16, 17) et les moyens de maintien (22, 23) soient tous disposés du même côté de ladite coupelle, et l'organe mobile isolant (14) est un manchon portant extérieurement un premier organe de contact (16) et intérieurement un second organe de contact (17), et présentant des butées extérieure et intérieur (27, 15) associées auxdits organes de contact montés coulissants, de façon que le manocontact soit à deux seuils. Application au contrôle et à l'alerte en cas de variations de pressions dépassant un double seuil prédéterminé, notamment pour les circuits hydrauliques de véhicules concernant le graissage ou le freinage.

IPC 1-7
H01H 35/34

IPC 8 full level
H01H 35/26 (2006.01)

CPC (source: EP US)
H01H 35/2657 (2013.01 - EP US)

Citation (search report)
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DE FR IT

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