

Title (en)
Pneumatic distance/pressure transducer

Title (de)
Pneumatischer Weg/Druck-Wandler

Title (fr)
Convertisseur pneumatique de déplacement/pression

Publication
EP 0575305 B1 19960327 (DE)

Application
EP 93890092 A 19930505

Priority
AT 124392 A 19920619

Abstract (en)
[origin: EP0575305A1] In a pneumatic distance/pressure transducer with a pressure-relief valve (10) which is acted upon by the inlet pressure via a feed line (6) and is progressively spring-loaded via the travel of an actuating member (12) and the opening pressure of which responds to the outlet pressure which can be tapped at a discharge line (7), a pressure-balanced 2/2-way seat valve (13) is connected upstream of the pressure-relief valve on the feed-line side. The valve body (14) of the 2/2-way seat valve (13) is connected to the actuating member (12) and is closed in the non-actuated state of the same. Thus, in a simple and robust construction, a transducer is created which exhibits no air consumption in the non-actuated state. <IMAGE>

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