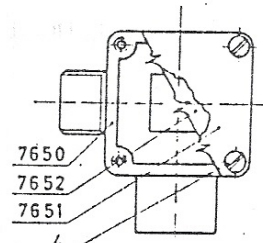
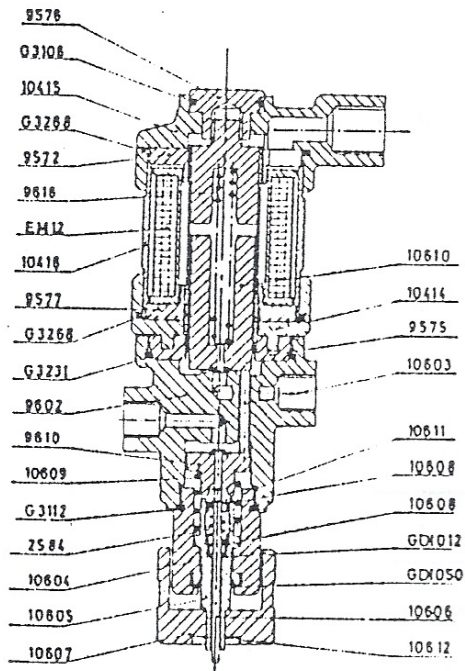


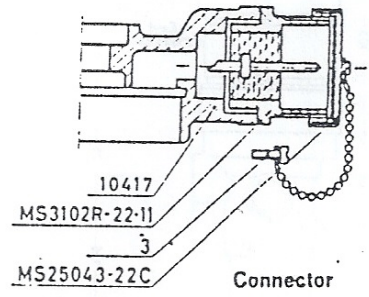
DIRECT ACTING THREE WAY SOLENOID VALVES

MODEL EDR / 300

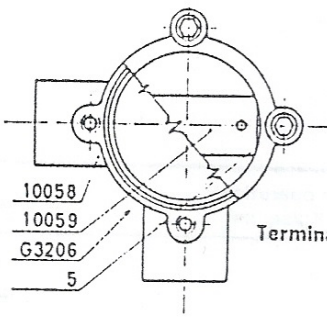
TABLE 310



Terminal board « L »



Connector



Terminal board « E »

Nomenclature

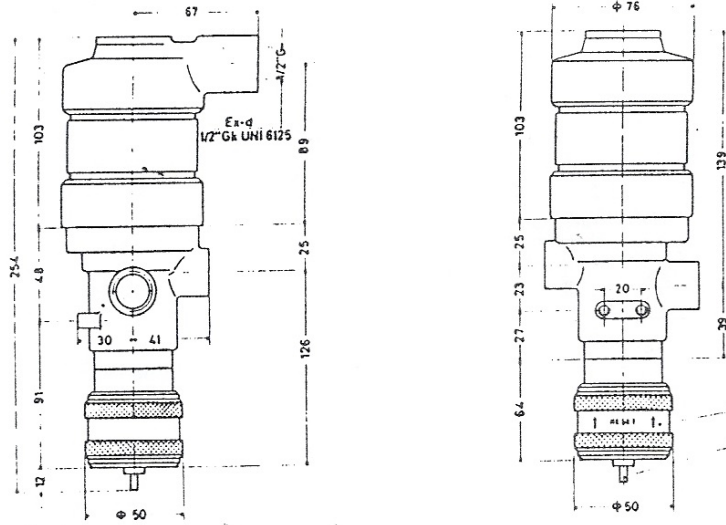
9602	Body
9572	Upper washer
9577	Lower washer
10414	Lower electromagnet cover
10415	Upper electromagnet cover
9575	Core guide
9576	Electromagnet locking ring
9610	Lower plug
9616	Upper spring
2584	Latch spring
10416	Skirt
10603	Pins (3 Pieces)
10604	Stopper
10605	Latch pin
10606	Reset position indicator
10607	Sliding ring collar
10608	Spring guide
10609	Lower spring
10610	Movable core
10611	DIN 6799 - 2.3 Fastener
10612	DIN 471 - 8 Fastener

EM12	Coil
G2137	O-RING gasket
G3106	O-RING gasket
G3112	O-RING gasket
G3231	O-RING gasket
G3268	O-RING gasket
GDI012	Scaling gasket
GDI050	Scaling gasket
R2	Rectifier plate for - AC operation
3	3 MA x 10 UNI 6107 Screw (4 pieces)
10417	Upper electromagnet cover
MS 3102	Connector
MS 25043	Terminal board "L"
7650	Connector cover
7651	Terminal board "L" cover
7652	Terminal board "L" gasket
4	TCB 2.9 x 13 screws (4 pieces)
10058	Terminal board "E"
10059	Terminal board "E" cover
G3206	terminal board "E" gasket
5	DIN 912 5MA x 15 screws

DIRECT ACTING THREE WAY SOLENOID VALVES

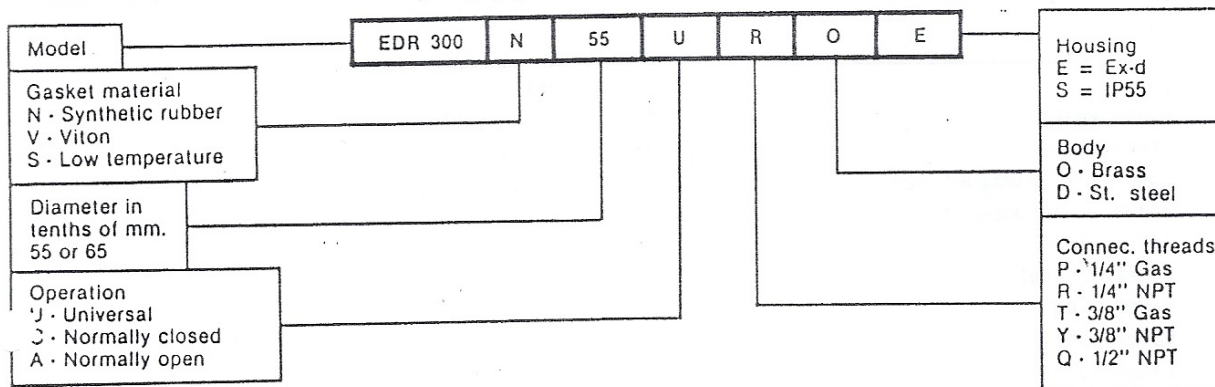
Model EDR 300

Table 310



model	Maximum operating pressure Kg/sq. cm	kv flow factor	Operation
EDR 300 - 55 U	10	7,4	
EDR 300 - 65 U	7	10	
EDR 300 - 55 C	15	7,4	
EDR 300 - 65 C	12	10	

Identification symbols



Specifications

Manual-reset solenoid valves model EDR/300 complete our range of three-way solenoid valves for plant instrumentation, which also includes valves model ED/300 (specification sheet 308). This range of heavy-duty valves is suitable for installations operating under difficult conditions and permits a high degree of equipment standardization, thereby reducing the need for substantial stocks of spare parts. Their simple construction minimizes maintenance times: for instance, replacing the entire solenoid assembly requires less than 1 minute, and this permits a field conversion of the standard model into models IP55, IP65 or Explosion-proof Ex-d.

Operation

Valve switching is obtained by pushing ring "Y" upwards: thus the valve remains in its acting position only if power is supplied to it; a non-projecting red pin "X" after ring "Y" release signals a reset valve. Return to rest position can be effected only through discontinuance of power supply.

Construction

Valve-seat gaskets consists of O-Ring not subject to axial movements. Internal parts in stainless steel, brass or Aisi 316 stainless steel body. The latter option consists of investment castings ensuring high quality, high surface finish and extreme internal smoothness of valve bodies.

Electrical characteristics

Solenoid coil wound with double-enamel Class H wire, absorbed power 28 Watts. 12 to 380 V voltage. 10% tolerance. Due to their particular design, these valves can only operate with direct current. In case of alternating current, a terminal board can be provided which includes a bridge rectifier and a recycling diode. Model R2/L for normal and waterproofing sealing, R2/E for Ex-d. (CESI Certificate AD-1648/76).

Optional

IP55 waterproof solenoid enclosure. EX-d explosion proof solenoid enclosure (CEI Standards 31.1 for groups IIA, IIB, IIC and temperature classes up to T5 with CESI Certificates Nos. AD - 1647/76 and AD-3056/79)