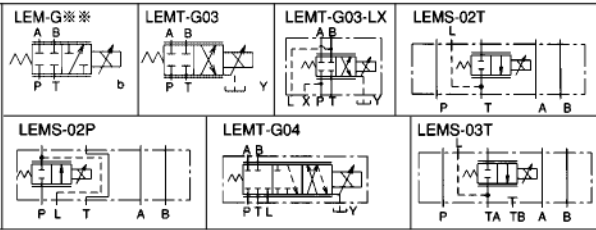


Direct type solenoid proportional throttle valve



Features

- Proportional throttle switching valve to carry out feed-back control of spool position by detecting the variation of the spool with a differential transformer, as the proportional solenoid directly drives the spool.

- A combination of a pressure compensation valve and an exclusive driver makes it possible to create a proportional flow control in high accuracy.
- LEMS valve is stack type one and can carry out the T port 's meter-out control in a proportional flow control system in high accuracy by means of attaching stack under a solenoid operated valve in combination of an exclusive reducing type pressure compensation valve.

Specifications

Model code	Nom. Dia.	Max. operating pressure MPa {kgf/cm ² }	Rated flow rate ★1 L/min	T port permissible back pressure MPa {kgf/cm ² }	18- Hysteresis resolution power repeated characteristics	Coil resistance (20°C) Ω	Initial current (Nominal) mA	Rated flow current (Nominal) mA					
LEM -G02-F-20	1/4	21 {210}	25	2.5 {25}	Less than 1 % or less to the rated input voltage.	26	300	700					
LEM -G03-F-20	3/8		50						21 {210}	13	500	1540	
LEMT-G03-F-20	3/8			130		2.5 {25}	26	300					700
LEMT-G04-F-20	1/2												
LEMS-02* -30	1/4		16 {160}	50		2.5 {25}	26	300	700				
LEMS-03T -20	3/8												

Note) ★1 The rated flow rate is the one in combination of a pressure compensation valve (pressure differentials: 0.6MPa {6kgf/cm²}).