

# MS6-LRE Electrical Pressure Regulator

FESTO



## Remote control!

### A new dimension in compressed air preparation

All the latest compressed air preparation functions combined in one product range: the modular MS service units from Festo. Among the highlights are the new function modules with integrated sensors and remote controllability of many of the main functions. Unique: the new LRE pressure regulator

### Remotely controlled and easy to use

The pressure can be precisely defined by remote control using a PLC or a hand-held unit – even in difficult-to-reach areas.

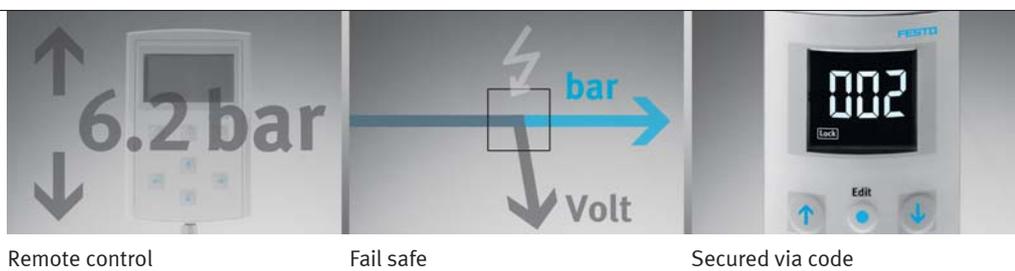
### Reliable

In the event of power failure, the fail-safe function ensures the pressure remains constant. The mechanical design and the

pressure regulation, which is independent of the supply voltage, prevents undesired variations from occurring. The pressure remains constant – even in the event of a power failure!

### Tamper-proof

The LRE display can be very easily set with a personal code to prevent unauthorised access.

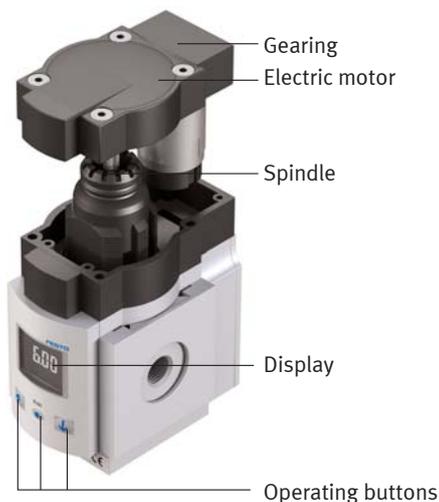


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Product Short Information

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## Area of application for the MS6-LRE



Hard-to-reach areas, for example, on welding lines in the automobile industry, which are secured by fences and where no access is possible.



Different workpieces are processed on the same equipment using different pressures. This can be programmed with the LRE.



Protection for workers in danger zones. For example, with heavy loads, presses or during routine maintenance.



Process reliability for sensitive workpieces. Fail-safe feature prevents damage in case of power failure.

Type	MS-LRE	
Grid dimension	[mm]	62
Permissible primary pressure	[bar]	Max. 20
Pressure regulation range	[bar]	0,3 ... 4/0,3 ... 7/0,5 ... 12/ 0,5 ... 16
Ambient temperature	[°C]	0 ... 50
Material	Drive housing: Polymer/metal Drive section Die-cast aluminium Regulator housing: Die-cast aluminium	
Supply voltage	[V]	24
Output-signal voltage range	[V]	0 ... 10
Signal current range	[mA]	4 ... 20
Electrical interface	Power supply plug: M12 Sensor plug: M8	
Protection class	IP65	

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