

pneumatic pilot with electric motor for setpoint adjustment



RMG 651:

max. operating pressure (upstream)

$p_{e \max}$ 100 bar

outlet pressure range W_h 0.5 bar to 90 bar

Pilot RMG 650 is basic module: For outlet pressure regulation with remote setpoint adjustment.

RMG 656:

max. operating pressure (upstream)

$p_{e \max}$ 100 bar

outlet pressure range W_h 0.5 bar to 90 bar

Pilot RMG 655 is basic module: For outlet pressure regulation with remote setpoint adjustment. Additionally the max. flow can be limited to a value given by the differential pressure stage.

RMG 659:

max. operating pressure (upstream)

$p_{e \max}$ 100 bar

outlet pressure range W_h 0.5 bar to 90 bar

Pilot RMG 658 So is basic module: For flow control (with differential pressure regulation) with remote setpoint adjustment. Additionally the max. and min. outlet pressure values can be set: The working range is within these two limits.

Details about motors and electrical connections upon request.

- pilot with electric setpoint adjuster for lines with changing operational conditions
- for remote setpoint adjustment through central control stations
- manual setpoint adjustment is possible at the electric motor
- suitable for natural gas and all non-corrosive gaseous media
- combined with electric motor and gearbox connected to the outlet pressure stage acc. to DIN/ISO 5210 T1 F10

RMG REGEL + MESSTECHNIK GMBH
RMG-Leaflet 651.00

specific pressure ranges for RMG 651, RMG 656				
	setpoint spring			adjustable pressure range W_h in bar
	no.	colour	wire dia. in mm	
regulating stage with diaphragm	1	grey	5.0	0.5 to 2
	2	yellow	5.6	1 to 5
	3	brown	6.3	2 to 10
	4	red	7.0	5 to 20
	5	green	8.0	10 to 40
load limiting stage			8.0	1 to 50
regulating stage with metal harmonica type measuring unit		white	9.0	20 to 90
automatic load limiting stage		green	5.0	1 to 10 automatically above p_a

specific pressure ranges			
spring no.	outlet pressure range in bar	without pulse control in bar/min	with pulse control in bar/min
1	0.5 to 2	1.3	0.020 to 1.0
2	1 to 5	2.1	0.040 to 1.7
3	2 to 10	3.1	0.050 to 2.5
4	5 to 20	7.2	0.120 to 5.7
5	10 to 40	13.9	0.220 to 11.0
6	20 to 90*	13.9	0.220 to 11.0

specific pressure ranges for RMG 659				
	setpoint spring			adjustable pressure range W_a in bar
	no.	colour	wire dia. in mm	
differential pressure stage		black	2.25	0.050 to 1.2