



Datasheet EnOcean Radio Valve Actuator

Radio Valve Actuator iTRV MVA 003



- **Bi-directional radio communication with EnOcean protocol EEP A5-20-01**
- **Configurable via Remote Management/Commissioning (ReMan/ReCom)**
- **Status feedback for visualisation and energy management**
- **Works completely maintenance-free 365 days a year**
- **Maintenance-free system solution and maintenance-free actuator**
- **Demand-led heating control in all rooms**

Technical data:	
Valve type/connection	M30 x 1.5
Valve adapter	available for all common valve bodies
Plunger travel	> 5,0mm
Working range (0-100%)	2,5mm
Step size min.	1% steps (0.025mm)
Actuating speed	0,95mm/sec
Force of the tappet, normal operation	100N typical
Self-calibration	automatic
Radio frequency	868MHz
Range	approx. 30m, depending on room situation
Standard protocol EnOcean (EEP)	A5-20-01 Position %, target temperature °C
Standard Feedback (EEP)	state of charge, thermogenerator activity, valve position
Radio interval, normal operation	every 10 minutes
Radio interval after commissioning	every 10 seconds for 10 minutes
Radio interval radio failure	1h and protection position after 6 communication attempts
Accuracy int. temperature sensor	+/- 0,5K
Frost protection	at <6 °C valve at 50
Protection position	>50 % valve opening
IP protection class	IP4X
Ambient temperature during operation	0°C - 50°C
Maximum flow temperature	75°C
Dimensions incl. valve connection	55 x 95mm (ØxD)
Weight	260g
Satelco Article number	10651

All specifications are subject to change without notice or obligation to provide previous customers with these changes. The information and specifications published hereunder are current as of the date of publication of this document. We reserve the right to change specifications without prior notice. www.satelco.ch

*Warranty Ex Works, normally 24 months, to be determined at time of order. Information is current at the time of publication. Specifications are subject to change without notice. NOTE: Internal connections refer to connections within the equipment, usually on a header. External connections refer to connections outside the housing. Once the unit is mounted, only the connections designated as "accessible from the front" are accessible to the customer.