

General	
Power supply	100 to 240 V AC, +10% /- 15%, 47 to 63 Hz or 9 – 36 V DC
Power consumption	max. 20 VA
Enclosure	Material: Polycarbonate Weight: approx. 3400 g
Protection	IP 65
Ex-Approval	II (2) G [Ex ib] II B
Operating temperature	-20°C to +50°C
Storage temperature	-30°C to +70°C
Max. humidity	80%, non-condensing
Display	Back-lit full graphic LC display, 128 x 128 pixel
Operation	18 keys Menus in German, English, French, Spanish, Italian, Czech, Polish, Danish and Swedish
Inputs	1 x 4 - 20mA for external level (2-wire probe) 1 x RxTx-Bus for NIVUS air-ultrasonic sensor Type LUS 1 (4) x 0/4 - 20mA with 12 Bit resolution for external level, external setpoints and data storage (S3/M3) 4 digital inputs (Type M3 only) 1 (2/3) velocity sensors connectable (2/3 - Type M3)
Analog outputs	S4: 2 x 0/4 - 20mA M4: 4 x 0/4 - 20mA Load 500 Ohm, 12 Bit resolution, accuracy higher than 0.1%
Relays	S4: 2 x SPDT M4: 5 x SPDT

General	
	free programmable max. load 230V AC / 2 A (cos φ 0,9)
Controller	3-step controller, quick close function, adjustable slide valve position in case of error
Communication/data transmission	RJ45 for Internet communication plug-in Compact Flash Card up to 128 MB Modbus TCP via Ethernet with integrated web server network connection (LAN / WAN, Internet) Internet via Ethernet or optional via internal modem (ISDN, GPRS, analog)

Specifications subject to change.