

► Safe area

On all pumps M, ME, R, XRN it is possible to automate the control system by installing the IST's electric actuator Z type (ZC or ZP).

ELECTRIC ACTUATOR CHARACTERISTICS

- IP 66 standard
- 115/230V – 1 – 50/60 Hz
- 4-20 mA feedback signal
- Manual emergency override
- Anticondensation heater (on demand)
- External automatic/manual selector (on demand)
- Flow-rate limiter (Q.max trimmer) allows to reduce the pump maximum flow-rate (corresponding to 20 mA command signal) up to 50% of the nameplate rated capacity.

The flowrate is adjusted according to following input signals:

- 4-20 mA, 0-20 mA, 20-4 mA and 0-10 V
- Pulses (0÷2 Hz - 0÷30 Hz)
- RS 485 communication protocol
- Profibus DP-V0



IST PUMPEN u. DOSIERTECHNIK · EISELSKAMP 3-5 · D-51674 WIEHL · GERMANY · PH.: +49 2261 701 43-0
INTERNET: WWW.ISTPUMPEN.COM · EMAIL: INFO@ISTPUMPEN.COM · FAX: +49 2261 701 43-11

► Hazardous Area: ATEX version

On request the pumps M, R, XRN can be made comply with the requirements of the ATEX European Directive. Even the control system can be comply with that Directive, by installing the ATEX electric actuator Z type (ZR or ZG).

ELECTRIC ACTUATOR CHARACTERISTICS

- ATEX II 2GD EEx-d IIB T4 IP6X
- 115/230V – 1 – 50/60 Hz
- Manual emergency override
- Anticondensation heater (on demand)
- 4-20 mA pilot signal
- 4-20 mA feedback signal



ATEX