

ZES-40

Control unit



Electric control of the
direction of working
medium flow

- electric control of operating manifolds in machines and hydraulic devices
- designed for use in areas with explosion hazards



ZES-40

Control unit

TECHNICAL DATA

WORKING PARAMETERS

- ✓ Operating mode
- ✓ Working conditions
 - ambient temperature
 - relative humidity of air
- ✓ Hydraulic liquid

- rated viscosity of the liquid
- viscosity range
- required filtration level
- rated pressure
- maximum pressure
- maximum flow

- optimum working temperature (of the liquid in the container)
- liquid temperature range

- ✓ Supply voltage

- ✓ Acceptable output parameters
- ✓ Coil resistance
- ✓ Rated current of the safety fuse of the coil
- ✓ Size
- ✓ Weight
- ✓ Casing protection degree

constant operation

0°C ÷ 65°C
 up to 95%, at the temperature of 25°C
 oil-in-water emulsion, hydraulic oil
 or other oil with similar properties

37 mm²/s
 2.8 do 380 mm²/s
 40 µm
 32 MPa
 35 MPa
 depending on working pressure,
 hydraulic medium and acceptable
 pressure drops on the valves of
 operating manifolds

20°C ÷ 60°C

0°C ÷ 70°C

10,2...13,8 V DC from a power supply
 unit with an intrinsically safe output and
 maximum output and maximum output
 current of 2 A

$U_i = 15.3 \text{ V}$, $I_i = 2 \text{ A}$, $L_i \approx 0$; $C_i \approx 0$
 $R = 126 \pm 10 \Omega$
 250 mA, one-shot fuse
 40 × 133,5 × 165 mm
 about 4.0 kg
 IP 65

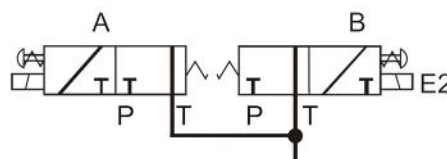


Diagram of hydraulic connections of ZES-40



Anti-explosion structure

CE-type examination certificate

Conformity mark

I M1 Ex ia I Ma

FTZU 04 ATEX 0009X