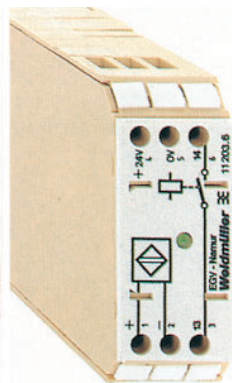
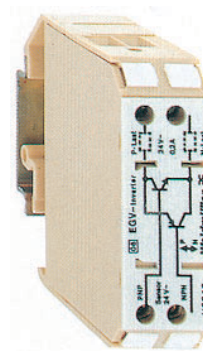


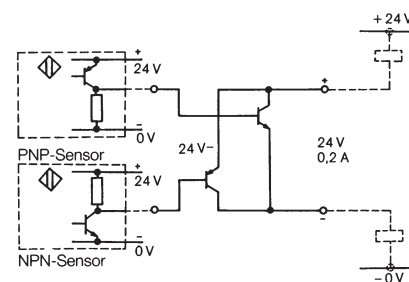
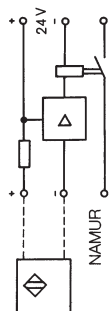
EGV-Namur



EGV-Inverter



Block diagram



Ordering data

Type	Part No.
EGV Namur	1120360000

Type	Part No.
EGV Inverter	1122460000

Description

Switching amplifier for 2-wire Namur initiators with relay output. Enables the use of economic Namur initiators with short design lengths. This is particularly valid for areas where initiators are subjected to heavy mechanical stresses, and often need to be replaced. A potential-free NO contact is available on the output side for switching larger ratings (2000 VA). The Namur initiator can be directly connected to the module. LED function indicators indicate switching statuses.

This module inverts the switching function of electronic outputs. A PNP output is changed into an NPN output with the load connected unilaterally against the positive potential (the negative potential is switched through). An NPN output is changed into a PNP output with the load connected unilaterally to the frame potential (the positive potential is switched through). The module reduces the inventory of sensors and electronic switches with PNP/NPN outputs to a single type.

Technical data

Input voltage	24 VDC $\pm 10\%$
Initiator type/initiator voltage	approx. 8 VDC
Output voltage, -current	250 VAC/DC
Continuous current	3 A
Max. switching capacity (resistive load)	2000 VA
Contact	1 NO
Contact material	AgNi 0.15 gold-flashed
Mechanical service life	$> 10^7$ switching operations
Ambient temperature	40°C mounted

24 VDC $\pm 10\%$ (closed circuit current < 10 mA)
24 VDC $\pm 10\%$ (switching threshold approx. 15 V)
200 mA

Coordination of insulation to VDE DIN 0160, draft11/94

Rated voltage	300 V
Rated surge voltage	4 kV
Overvoltage category	III
Contamination class	2
Clearance and creepage distance	≥ 3 (.12) mm (in.)
EMC	EN 50 081, EN 50 082, EN50 011

EN 50 081, EN 50 082, EN50 011

Accessories and dimensions see page 365

Fig. VI

Fig. V