The electronic fault indicator system ENQ4 offers in a compact form a complete control – and disturbance monitoring-system to stop the operating conditions, when unacceptable conditions arise on compressors, automatic-machines, vehicles, heating installations and air conditioning systems etc.

- Simplify maintenance
- Report faults
- Avoid damages
- Monitor equipment
- Reduce service costs
- Raise operational readiness

**Function**

During fault free operation (all external transmitting relays closed) the central transmitting relay A1-14 is closed. A report coming through the fault reporting input S1-S4 (opening of the transmitting relay) causes the central transmitting relay A1-14 to be switched off in addition to activating the appropriate LED display.

As a result of this, for example, the machine/equipment being monitored is switched off. Each report channel has a report memory so that faults occurring even sporadically are recognised. The acknowledgment takes place with the interruption of the mains current of the fault annunciator system or the entire machine.

The condition „ready to service“ is shown by a green LED, which will deactivate in case of a fault message.

**Special function test operation (input S5)**

The closing of the input relay S5 activates the memory of the transmitting relay A1-14. The A1-14 relays will close with the opening of S5 provided that the input S1-S4 do not have a fault report.

**Hints for installation**

Extensive technical switching measures guarantee the highest degree of operational safety. Every fault reporting input is galvanically separated from the processing electronics via an optocoupler.

Additionally each input is equipped with a signal delay of about 200ms for the purpose of filtering out any possible current interruptions occurring momentarily.

The central transmitting relay is also equipped with such a time delay. In this way, the switching on of the entire plant and the simultaneous closing of the transmitting relays do not lead to a fault report.

These measures permit the use of the equipment with unshielded input cable up to 100m in length.
Accessories
A plastic front frame with external dimensions of 55x55mm is available as an accessory.
If desired each ENQ4 is available without front foile and mounting material for back side installation in existing operator tableaus.

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<tr>
<th>Order-No</th>
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<tr>
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