



### Monitoring unit EUA-C

- Connections for static and dynamic monitoring points
- Connection of lubricant flow monitoring elements with Reed contacts or proximity switches
- Monitoring time continuously adjustable from 0,1 to 3276,7sec.
- Alarm output
- Casing for snapping onto the profile rail

### Application:

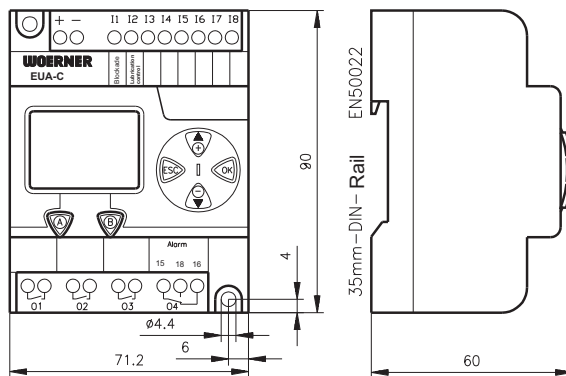
The EUA-C monitoring unit is used to observe one monitoring point.

### Technical Data:

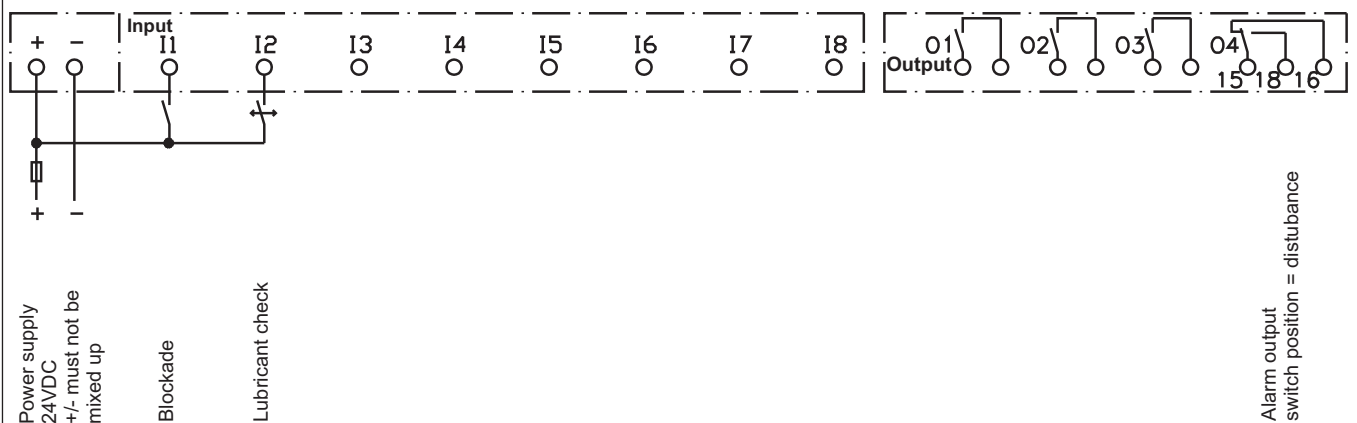
Power consumption:	3,5 W
Supply voltage:	24 V DC
	-15% ... +20%
	(including residual ripple)
Voltage input:	24 V DC
Response time inputs:	5 msec
Input resistands inputs:	6,8 kR
Temperature range:	0 ... 50°C
Protection type:	IP 20
Contact data output:	max. 250 V AC
	30 V DC; 5 A
Data protection:	10 years
Approval:	CE;UL;CSA

- Subject to modifications -

### Dimension



### Connection diagram



**Function:**
**Connection and control voltage:**

The supply voltage is applied to terminal + and -.

Upon supply voltage switch-on, the unit is ready for operation.

The alarm relay moves into release position.

**Connection of monitoring elements:**

When installing monitoring elements with Reed contacts, the connection is made at the 24V/I2 terminals. This input acts dynamically, i.e. time is reset in the moment of contact making only. A closed contact or a short circuit on the line is indicated as a fault. When installing monitoring elements with proximity switches, the supply voltage is tapped off at terminals + and -. The signal line is connected to terminal I2.

**Blocking of the monitoring function:**

Connecting terminals 24V an E0 causes a blockage of the monitoring function, the monitoring time cannot run down. This type of connection is required for time-dependent system.

**Setting the monitoring time:**

Monitoring time is set via the operating panel.  
 Setting range: 0,1 bis 3276,7seconds.

See "desired value adjustment"

**Alarm output:**

In the event of a fault condition, the alarm relay drops off. In this position, terminals 15/16 are shorted. Upon release, the relay picks up. Terminals 15/18 are shorted.

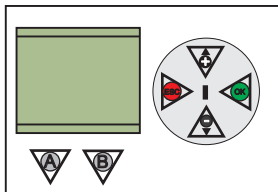
**Fault message deletion:**

The fault message can be deleted in two different ways:

- By short interruption of the control voltage (for approx. 1 sec)
- By actuation of the push button "A" at the unit's front panel.

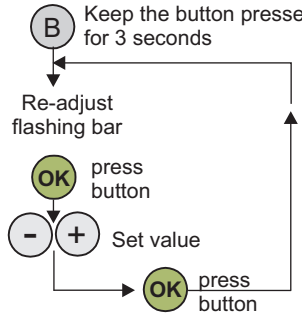
- Subject to modifications -

### Operation



### Desired value adjustment

The desired values can be adjusted as follows:



Setting mode will be finished automatically after 1 minute, when re-adjustment was completed by pressing **OK** (flashing bar)

**Esc** Can be used to cancel the operation.

**Caution!** Do not set any zero or negative value!

<b>Order designation:</b>	
Monitoring unit	EUA-C
Voltage	24VDC
<b>Display :</b>	<b>DE 460.457-60</b>
<b>Display :</b>	<b>EN 460.457-61</b>

<b>Indication:</b>	
Use power pack in case of 230 VAC operating voltage!!!	
<b>Purchase designation:</b>	
<b>Power pack</b>	<b>974.101-30</b>
100-240VAC/24VDC1,2A;CE,UL-CSA,TÜV	