Nokeval

www.nokeval.com
sales.nokeval.com

Yrittajakatu 12
FIN-37100 Nokia

Tel.   +358 3-342 4800
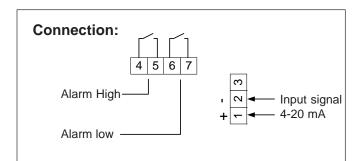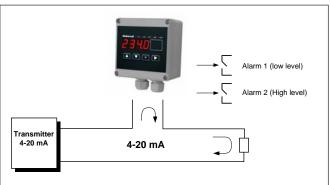Fax.   +358 3-342 2066

Loop Powered 4..20 mA LED-displays, model 301 and 305

- **For process input 4-20 mA**
- **Without external power supply**
- **Loop resistance 240 ohm only**
- **4-digit processor based display**
- **Scaling on front panel**
- **2 settable alarms (option)**
- **Pass words for alarms and configuration**
- **ABS-case rating IP 65, size:**
  Models 301 & 302   100 x 100 x 57 mm
  Models 305 & 306   80 x 80 x 57 mm

Autopowered bright red LED-displays need no external power supply. Current signal 4-20 mA provides the necessary energy. Therefore, it is possible to install the meter in places having no auxiliary power available. You can now replace the autopowered LCD-displays, having very poor visibility, by bright red LED-displays.

There are four models according to optional alarms and plastic case (ABS) IP65 size: 100 x 100 mm basic model 301 without alarms and model 302 with two alarm contacts. Correspondingly models 305 and 306 are in 80 x 80 x 57 mm case. Both size versions have same functions. Display scaling and configuration by front panel buttons. Unit has digital filter for stabilizing the 4-digit display. In models 302 and 306 You may configure two optional alarms, high and low. Password is settable for entering configuration and alarm stages.

Technical specifications:

Input	4..20 mA, linear or square root
Display scaling	-999....+9999
Desimal point	Freely selectable
Accuracy	0.05% of span
Input resistance,301/305	240 ohm (voltage drop= 4,8V)
- with alarms, 302/306	370 ohm (voltage drop =7,3 V)
Alarm relays (option)	2 solid state relays (SSR), max. 250 VAC, 150 mA
Alarm mode	High and low level
Hysteresis	Selectable 0..100 %
Display	4-digit red LED, 14.5 mm, adjustable brightness
Push buttons	Switches under front panel
Case protection	IP65
Case material and color	ABS-plastic, grey
Ambient temperature	0...+60 °C
Terminals 301/302	Detachable 2,5 mm²
305/306	Detachable 1,5 mm²
Weight	200 g

Ordering examples:
301-4/20Basic model, case 100 x 100 x 57 mm   302-4/20 With alarms
305-4/20Basic model, case 82 x 80 x 57 mm 306-4/20With alarms

Connection:

Dimensions in mm

Models 305 and 306 dimensions are in brackets. This small size enclosure has only one PG11 inlet.

INDUSTRIE AUTOMATION GRAZ   ING. W. HÄUSLER GMBH   AUTALER STRASSE 55   A-8074 RAABA
TEL: +43 316 405 105   FAX: +43 316 405 105 22   OFFICE@IAG.CO.AT   WWW.IAG.CO.AT

INDUSTRIE AUTOMATION GRAZ