器

Type UAS7

适用于各种物理量的远程放大器，带数字显示，
2个开关量输出，
1路模拟量输出，
线性误差 **0.2 %** 满量程。

特点

四位七段LCD显示，微处理器控制，
带自诊断，所有参数通过键盘配置，
显示单位可选，可调节键盘锁，
高精度和快速扫描速率 **(1 ms)**。

显示范围

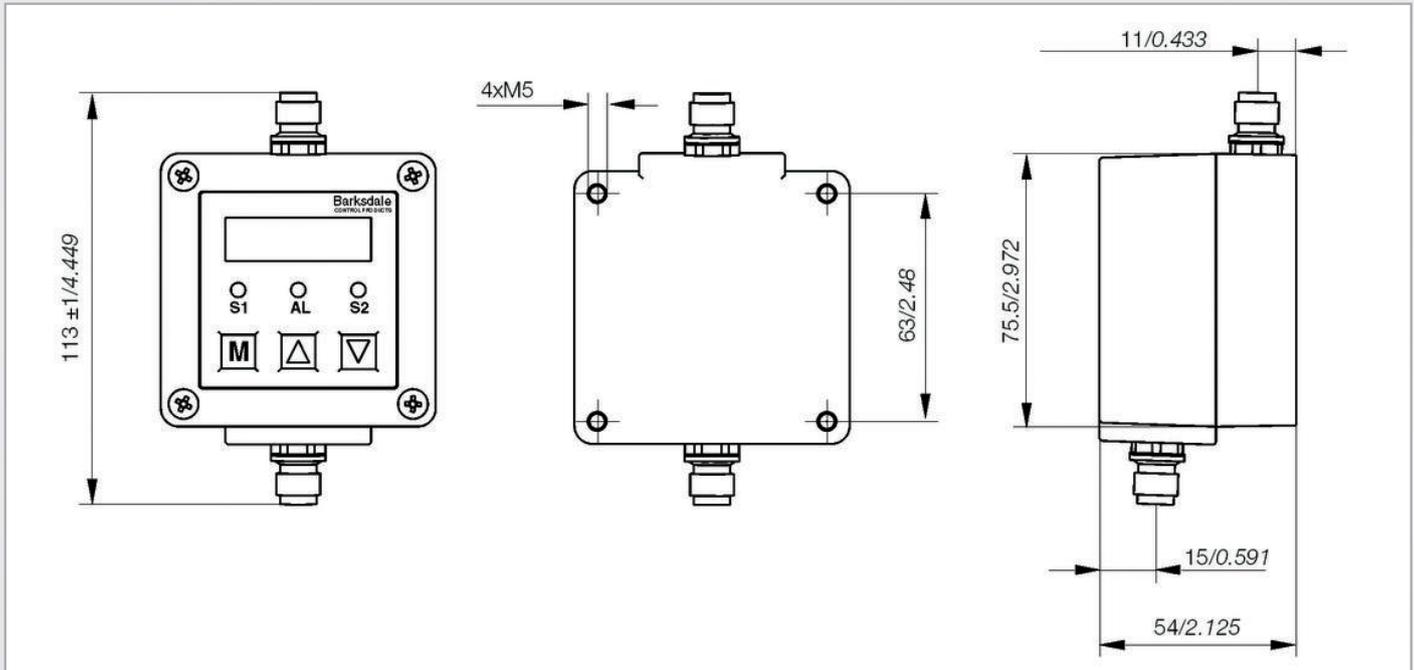可自由缩放: **-9,999...+9,999**

典型应用

**OEM** 应用；
液压和气动装置；
测试台和仪表工程；
重工业

技术参数

测量　理:	10 bit A/D
：　　：　　：　：　：	NBR
：	
/	IP65 / III
：	75 x 75 x 55 mm (W x H x D)
：	330 g
：　　：　　：	4... 20 mA 0... 10 V DC
：	< ±0.2 %　　25 °C
A/D　：　：　　　：	10　（　　1024　） 200 / s
On-status display:	4-digit 7-segment LED display, red, digit height 10 mm
Display range: Display rate: Display unit:	-9,999... +9,999 2 / s all technical units
Sensor connection:	Plug M12 x 1, 4-pin
Electrical connection:	Plug M12 x 1, 4-pin or 5-pin

Temperature influence:	< 0.05 % v. f. s. / 10K
Compensation range:	-10 °C... +70 °C
Repeatability:	≤±0.05 % v. f. s.
Temperature range: Electronics: Storage:	 -10 °C... +70 °C -30 °C... +80 °C
Power supply:	15... 32 V DC, reversed polarity protected (SELV, PELV)
Power consumption:	approx. 50 mA (without load)
Analog output: Current output: Load: Load influence: Scanning rate: Voltage output: Rating: Adjustment range:	 4...20 mA max. RI = (Ub-12 V) / 20 mA RI = 600 Ohm at Ub = 24 V DC 0.3 % / 100 Ohm 5 ms 0...10 V DC max. 10 mA 25 %... 100 % f. s.
Transistor switching outputs PNP: Switching function: Adjustment range: Switching frequency: Current rating: Delay: Status display(s):	 Normally open / normally closed, standard / window mode and diagnosis function adjustable 0 %... 125 % f. s. max. 100 Hz max. 500 mA, short-circuit proof 0.0 s ... 9.9 s adjustable LED(s) green
Accessories:	Plug connector

Electronic Display

Dimensions (mm / *inch*)

Plug

Plug 4/5-pin
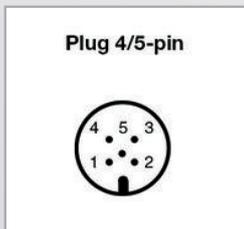
Connection Diagram 1
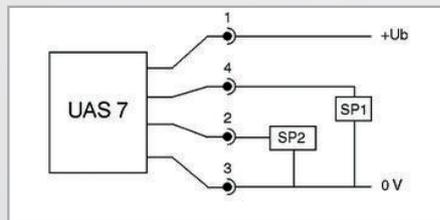
Connection Diagram 2

4...20 mA / 0...10 V
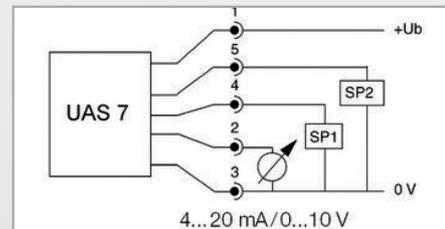
Sensor

M12 x 1

1 = +Ub
2 = Signal
3 = –Ub (*)

(*) Pin 2 is not needed with 2-wire connection.

Analog measuring input

Optional:
Current input: 4...20 mA
Voltage input: 0...10 V DC

Order Numbers

Electronic trip amplifier with 2 PNP outputs		
Analog Input	**Analog Output**	**Order Number**
4...20 mA	---	0001-004
4...20 mA	4...20 mA	0001-002
4...20 mA	0...10 V	0001-003
0...10 V	---	0001-007
0...10 V	4...20 mA	0001-005
0...10 V	0...10 V	0001-006

Subject to technical changes.