Type 1078-2
and 1077-2

Type 1078-1

0.5 s to 10 s up to 0.5 h...10 h

- Programmable alone or using separate operating unit
- Various switching functions
- Safety function

The 1078-1 is simply programmed by DIP switches and potentiometers and incorporates four different switching functions. It mounts directly onto Bürkert solenoid valves using the same three prong connection. This unit is perfect for simple tasks like compressor blowdown where reliability is required.

The 1078-2, which has eight different switching functions, is operated by a two button programmer (1077-2) with a small digital display. As changes are only possible via the programmer the unit is safely locked when it is removed. Multiple timers can simply be programmed as the last settings always remain in the 1077-2.

Technical Data

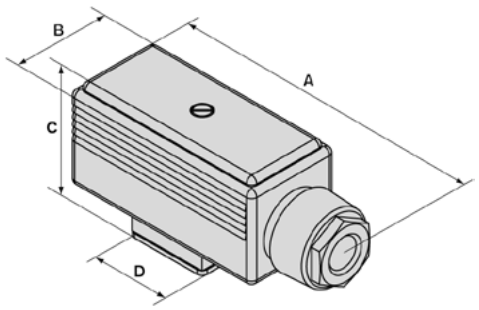
Time range	0.5 s...10 s up to 0.5 h...10 h
Display	LED-connected power supply, LED-energized load
Adjustment 1078-1	DIP-switches, precision adjustment of response times via potentiometers
Adjustment 1078-2	Two buttons via 1077-2 programmer (not included)
Switching functions	4 (1078-1), 8 (1078-2)
Body material	Polyamide
Operating voltages	See table
Power consumption	Max. 1.5W
Ingress protection	IP65 (NEMA4)
Plug Size	Form A, DIN 43 650
Switching load (Imax)	2 A at supply voltage 12 DC. 1.5 A at supply voltage 24-48 V/50-60 Hz and DC 0.5 A at supply voltage 120-240 V/50-60 Hz and DC
Cable outlet	4 x 90° positioning
Working temperature range	14 °F to 140 °F
Influence of temperature	±5 % of full scale time range
Influence of voltage	±1 % of full scale time range

1077-2 Display	4.5 digit 7 segment LCD
1077-2 Adjustment	Two buttons
1077-2 Body material	Polyamide
1077-2 Ingress protection	IP65 (with valve)

Options

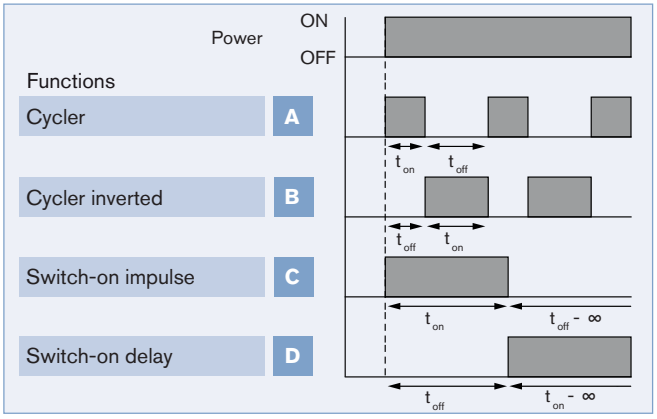
- 1078-2 without operating unit
- Unit for max time 100 h (option NA15)

Envelope Dimensions [inch] (see datasheet for details)



A	B	C
3.54	1.10	2.11

Functions



Ordering Chart

Type	Item no. Voltage/Frequency [V/Hz]		
	12 V DC	24-48 V/50-60 Hz	120-240 V/50-60 Hz
1078-1	456 180	456 179	456 178
1078-2	–	456 182	456 181

1077-2	Programming module	060 638