UKCA Ex CE

ATEX Pneumatic Timer - Reset Module

Pneumatic Automatic Reset Module

Technical information

Pressure range:	2-6 bar
Display type:	Digit roll
IP rating:	IP40 when connected, higher protection with covers (front only)
Panel cut out:	45 x 22.2mm
Temperature range:	0°C...+60°C
Medium Temperature:	Maximum 30°C (compressed air temperature)
Mounting:	Panel mount only, includes clip
Time setting:	Via front rotary knob
Reset:	Automatic - by removal of pressure port 1
Operating medium:	5 micron filtered clean dry, non-lubricated compressed air

Other information

Reset timers are used in conjunction with mini timers where a continuous repeat output of 0.2 to 2 seconds is required. Please see data sheet QYEX5 for mini timers.
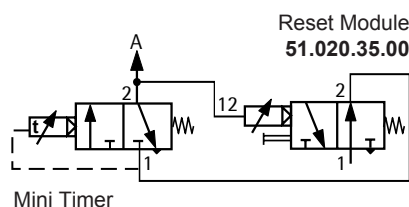
Description	Repeatability	Ports	Order code
0.2 to 2 seconds adjustable with front reset knob	+/- 0.3 s	M5	**57.020.35.EX**

Dimensional drawings

EX-CLASSIFICATION

Gas: Ex II 2G Ex h IIB T4 Gb ($0°C \leq Ta \leq 60°C$)
Dust: Ex II 2D Ex h IIIB T120°C Db ($0°C \leq Ta \leq 60°C$)
Mining: Ex I M2 Ex h I Mb ($0°C < Ta < 60°C$)

Connection Diagram

Reset Module
51.020.35.00

A
2
12
2
1
1

Mini Timer

On the connection of air to port 1 of the reset module, the mini timer begins to time. Air is passed from port 1 to port 2 of the mini timer and also connects port 12 of the reset module on timeout. After an output of between 0.2 - 2 seconds (A) the air supply from port 2 of the reset module to port 1 of the mini timer is interrupted for 300ms, this resets mini timer and module. The cycle is continuous while air is connected to port 1 of the reset module, remove the air supply to stop the cycle. The front rotary knob, when pulled towards the user, resets the mini timer..

Use ON delay timers only, see below.

51.020.33.00	0.2 to 3 Seconds
51.020.03.00	2 to 30 Seconds
51.020.34.00	8 to 120 Seconds
51.020.30.00	20 to 300 Seconds

27,2
48
24
60
3,9
58,6
2,5
7,8
max 12

Accessories

IP65 transparent sealing covers (Size 1)

Hinged cover with lock	Order code: **1.405.612**
Hinged cover with knob	Order code: **1.405.611**

Panel frame (W) 60mm x (H) 75mm

Panel cutout 52mm x 52mm   Order code: **1.499.512 ****

**** Hinged covers are available for use with the 1.499.512 panel frame, size 2 only.
Part reference **1.405.613** with knob or **1.405.614** with lock.
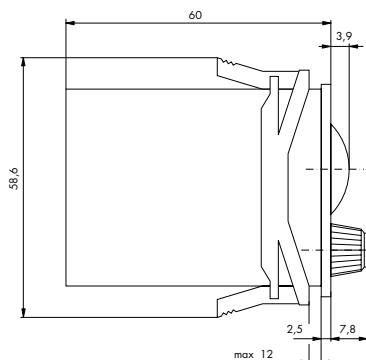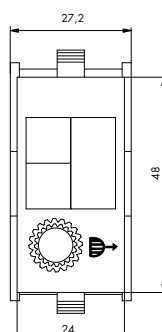
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