

2.8.1

Verifying the detector wiring

The detector has five output wiring options within the Exde integral terminal section of the enclosure. There are 12 terminals labeled 1-12.

Table 2-2 describes the function of each terminal for all the output configurations.

Table 2-2 975UR output configurations

Wire terminal no.	Output configuration 1A (default)	Output configuration 2A	Output configuration 3A	Output configuration 1R	Output configuration 2R
1	+24 V DC	+24 V DC	+24 V DC	+24 V DC	+24 V DC
2	0 V DC	0 V DC	0 V DC	0 V DC	0 V DC
3	Manual built-in test	Manual built-in test	Manual built-in test	Manual built-in test	Manual built-in test
4	Fault relay N.C.	Fault relay N.C.	Fault relay N.O.	Fault relay N.C.	Fault relay <u>N.O.</u>
5					
6	Alarm relay N.O.	Alarm relay <u>N.O.</u>	Alarm relay N.O.	Alarm relay N.O.	Alarm relay N.O.
7	Alarm relay C	Alarm relay C	Alarm relay C	Alarm relay C	Alarm relay C
8	0-20 mA in	Alarm relay <u>N.C.</u>	Alarm relay N.C.	Auxiliary N.O.	Auxiliary N.O.
9	0-20 mA out ¹	0-20mA out ¹	0-20mA out ¹	Auxiliary C	Auxiliary C
10	RS-485+ (1)	RS-485+ (1)	RS-485+ (1)	RS-485+ (1)	RS-485+ (1)
11	RS-485-(1)	RS-485-(1)	RS-485-(1)	RS-485-(1)	RS-485-(1)
12	RS-485 GND	RS-485 GND	RS-485 GND	RS-485 GND	RS-485 GND