

## 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.                  | <u>Alarm relay 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                        | <u>Alarm relay N.C.</u> | Alarm relay N.C.        | Auxiliary N.O.          | Auxiliary N.O.          |
| 9                 | 0-20 mA out <sup>1</sup>          | 0-20mA out <sup>1</sup> | 0-20mA out <sup>1</sup> | 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              |