

Code: KX15DT1

## DUAL TECHNOLOGY DETECTOR MICROWAVE + PIR **KX15DT1** PYRONIX

Digital dual technology detector equipped with PIR and microwave detection.



|                                  |                                                                                                                                            |
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| Application:                     | Indoor                                                                                                                                     |
| Pyroelectric sensor:             | Double                                                                                                                                     |
| Sensor type:                     | Passive Infra Red (PIR) and microwave (MW)                                                                                                 |
| Recommended installation height: | 1.8 ... 2.4 m                                                                                                                              |
| Range:                           | <ul style="list-style-type: none"> <li>• MW detector : 15 m,</li> <li>• PIR detector : 15 m</li> </ul>                                     |
| Detection angle:                 | 85 °                                                                                                                                       |
| Sensitivity adjustment:          | Automatic                                                                                                                                  |
| Alarm output:                    | NO, NC, EOL/NO, EOL/NC, 2EOL/NC, 2EOL/NO                                                                                                   |
| Tamper output:                   | NC                                                                                                                                         |
| LED indication:                  | <ul style="list-style-type: none"> <li>• Orange - MW detector</li> <li>• Blue - Alarm signaling</li> <li>• Green - PIR detector</li> </ul> |
| Microwave frequency band:        | 9 GHz                                                                                                                                      |
| Pet immunity:                    | —                                                                                                                                          |

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| Antimask feature:                 | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Maximal outputs load:             | 50 mA / 60 V DC, 42 V AC - RMS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Digital temperature compensation: | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Protection class (Grade):         | Grade 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Environment class:                | II                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Target speed range:               | 0.3 ... 3.0 m/s                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Main features:                    | <ul style="list-style-type: none"><li>• EN50131-2-2:2008, EN50131-1:2006+A1:2009, PD6662:2010</li><li>• digital detection algorithm with temperature compensation for high immunity to false alarms and repeatability of parameters</li><li>• Smooth adjustment of microwave range</li><li>• Immunity to environmental changes</li><li>• Independent Floating Threshold (IFT) technology</li><li>• Creep zone control</li><li>• Tamper detection - opening the enclosure, removing from mounting surface</li><li>• The set includes a ceiling and wall bracket</li></ul> |
| Power supply:                     | 9 ... 16 V DC / 30 mA (max) @ 12 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Operation temp:                   | -30 °C ... 70 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Color:                            | White                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Weight:                           | 0.12 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Dimensions:                       | 116 x 68 x 51 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Manufacturer / Brand:             | PYRONIX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| SAP Code:                         | 361301740                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Manufacturer's code:              | KX15DT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Guarantee:                        | <b>5 years</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |