



## **Electrolux Group**

### Released Component List (RCL)

Photoelectronic Sensors

Inductive Sensors

Image Processing and Smart Cameras

1D/2D and Barcode Scanners

System Components and Software

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## Photoelectronic Sensors

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### High-Performance Distance Sensors

10-31

| Part Number   | Range         | Light Source | Housing              | Housing Material |    |
|---------------|---------------|--------------|----------------------|------------------|----|
| OCP801H0180   | 30...80 mm    | Laser (red)  | 50 × 50 × 20 mm (P)  | Plastic          | 11 |
| OCP162H0180   | 40...160 mm   | Laser (red)  | 50 × 50 × 20 mm (P)  | Plastic          | 13 |
| OCP352H0180   | 50...350 mm   | Laser (red)  | 50 × 50 × 20 mm (P)  | Plastic          | 15 |
| OCP352P0150P  | 50...350 mm   | Laser (red)  | 50 × 50 × 30 mm (P)  | Metal            | 17 |
| P1KY006       | 0...1000 mm   | Laser (red)  | 32 × 22 × 12 mm (1K) | Plastic          | 19 |
| OY2P303A0135  | 0...3 m       | Laser (red)  | 50 × 50 × 20 mm (P)  | Plastic          | 21 |
| P1PY001       | 0...3 m       | Laser (red)  | 50 × 50 × 20 mm (1P) | Plastic          | 23 |
| OY1TA603P0003 | 0,2...6,2 m   | Laser (red)  | 81 × 55 × 30 mm (TA) | Plastic          | 25 |
| X1TA100QXT3   | 0,1...10,2 m  | Laser (red)  | 81 × 55 × 30 mm (TA) | Plastic          | 27 |
| X1TA101MHT88  | 0,2...100,2 m | Laser (red)  | 81 × 55 × 30 mm (TA) | Plastic          | 29 |
| OY1P303P0102  | 0,05...3,05 m | Laser (red)  | 50 × 50 × 20 mm (P)  | Plastic          | 31 |

### Reflex Sensors with Background Suppression

32-57

| Part Number  | Range      | Light Source | Housing                | Housing Material    |    |
|--------------|------------|--------------|------------------------|---------------------|----|
| OCP801P0150P | 30...80 mm | Laser (red)  | 50 × 50 × 30 mm (P)    | Metal               | 33 |
| OHP551B0003  | 55 mm      | Laser (red)  | 50 × 50 × 20 mm (P)    | Plastic             | 35 |
| OHP102B0003  | 100 mm     | Laser (red)  | 50 × 50 × 20 mm (P)    | Plastic             | 37 |
| OCP242X0135  | 240 mm     | Laser (red)  | 50 × 50 × 20 mm (P)    | Plastic             | 39 |
| OCP662X0135  | 660 mm     | Laser (red)  | 50 × 50 × 20 mm (P)    | Plastic             | 41 |
| P1KH007      | 120 mm     | Laser (red)  | 32 × 16 × 12 mm (1K)   | Plastic             | 43 |
| P1NH707      | 300 mm     | Laser (red)  | 75 × 32,5 × 18 mm (1N) | Plastic             | 45 |
| HO08PA3      | 80 mm      | Red Light    | M12 × 1                | CuZn, nickel-plated | 47 |
| OHD202A0103  | 200 mm     | Red Light    | M18 × 1                | Stainless Steel     | 49 |
| P1KH011      | 300 mm     | Red Light    | 32 × 16 × 12 mm (1K)   | Plastic             | 51 |
| P1NH202      | 300 mm     | Red Light    | 75 × 32,5 × 18 mm (1N) | Plastic             | 53 |
| P1NH302      | 500 mm     | Red Light    | 75 × 32,5 × 18 mm (1N) | Plastic             | 55 |
| P1NH601      | 1200 mm    | Red Light    | 75 × 32,5 × 18 mm (1N) | Plastic             | 57 |

### Fiber-Optic Cable Sensors

58-63

| Part Number | Range   | Light Source   | Housing               | Housing Material |    |
|-------------|---------|----------------|-----------------------|------------------|----|
| ODX402P0007 |         | Red Light      | 53 × 60 × 15 mm (X)   | Plastic          | 59 |
| OUM502C0002 | 500 mm  | Infrared Light | 57,8 × 27 × 16 mm (M) | Plastic          | 61 |
| UC88PCV3    | 2000 mm | Infrared Light | M18 × 1               | Stainless Steel  | 63 |

### Color Sensors

64-65

| Part Number | Range      | Light Source | Housing             | Housing Material |    |
|-------------|------------|--------------|---------------------|------------------|----|
| OFP401P0189 | 30...40 mm | White Light  | 50 × 50 × 20 mm (P) | Plastic          | 65 |

### Retro-Reflex Sensors

66-79

| Part Number | Range        | Light Source | Housing              | Housing Material    |    |
|-------------|--------------|--------------|----------------------|---------------------|----|
| OLD104C0003 | 10000 mm     | Laser (red)  | M18 × 1              | Stainless Steel     | 67 |
| RO88PB3     | 2500 mm      | Red Light    | M12 × 1              | CuZn, nickel-plated | 69 |
| P1KL003     | 10...5000 mm | Red Light    | 32 × 16 × 12 mm (1K) | Plastic             | 71 |
| LD86PA3     | 6000 mm      | Red Light    | M18 × 1              | Stainless Steel     | 73 |

## Photoelectronic Sensors

### Retro-Reflex Sensors

66-79

| Part Number | Range    | Light Source | Housing                | Housing Material |    |
|-------------|----------|--------------|------------------------|------------------|----|
| LW86PA3     | 6000 mm  | Red Light    | M18 × 1; angled        | Stainless Steel  | 75 |
| P1NL101     | 7000 mm  | Red Light    | 75 × 32,5 × 18 mm (1N) | Plastic          | 77 |
| P1NL302     | 11000 mm | Red Light    | 75 × 32,5 × 18 mm (1N) | Plastic          | 79 |

### Through-Beam Sensors

80-87

| Part Number | Range            | Light Source | Housing | Housing Material    |    |
|-------------|------------------|--------------|---------|---------------------|----|
| OSD124Z0003 | 12000 mm         | Laser (red)  | M18 × 1 | Stainless Steel     | 81 |
| OED000C0003 | 12000 mm         | Laser (red)  | M18 × 1 | Stainless Steel     | 81 |
| OSD404Z0003 | 12000...40000 mm | Laser (red)  | M18 × 1 | Stainless Steel     | 83 |
| SO953N      | 5000 mm          | Red Light    | M12 × 1 | CuZn, nickel-plated | 85 |
| EO95VD3N    | 5000 mm          | Red Light    | M12 × 1 | CuZn, nickel-plated | 85 |
| SD983       | 10000 mm         | Red Light    | M18 × 1 | Stainless Steel     | 87 |
| ED98PCV3    | 10000 mm         | Red Light    | M18 × 1 | Stainless Steel     | 87 |

## Inductive Sensors

88 - 101

### Inductive Sensors with Standard Switching Distances

90-93

| Part Number  | Range | Mounting | Housing   | Housing Material    |    |
|--------------|-------|----------|-----------|---------------------|----|
| I12N001      | 2 mm  | flush    | M12 × 1   | CuZn, nickel-plated | 90 |
| IB040BM70VA3 | 4 mm  | flush    | M12 × 1   | CuZn, nickel-plated | 91 |
| IW050BM80VA3 | 5 mm  | flush    | M18 × 1   | CuZn, nickel-plated | 92 |
| I30N004      | 10 mm | flush    | M30 × 1,5 | CuZn, nickel-plated | 93 |

### Inductive Sensors with Increased Switching Distances

94-96

| Part Number | Range | Mounting   | Housing   | Housing Material    |    |
|-------------|-------|------------|-----------|---------------------|----|
| I08H007     | 2 mm  | flush      | M8 × 1    | CuZn, nickel-plated | 94 |
| I18H003     | 8 mm  | flush      | M18 × 1   | CuZn, nickel-plated | 95 |
| I30H007     | 22 mm | semi-flush | M30 × 1,5 | CuZn, nickel-plated | 96 |
| I30H008     | 22 mm | semi-flush | M30 × 1,5 | CuZn, nickel-plated | 96 |

### Inductive Sensors Welding Field Resistant with Correction Factor 1

97-101

| Part Number | Range | Mounting | Housing              | Housing Material |     |
|-------------|-------|----------|----------------------|------------------|-----|
| I12A001     | 4 mm  | flush    | M12 × 1              | CuZn; Teflon     | 97  |
| I18A001     | 8 mm  | flush    | M18 × 1              | CuZn; Teflon     | 98  |
| I30A001     | 15 mm | flush    | M30 × 1,5            | CuZn; Teflon     | 99  |
| I1QA001     | 20 mm | flush    | 40 × 40 × 55 mm (1Q) | Plastic          | 100 |

## Image Processing and Smart Cameras

102 - 107

### Vision Sensors

104-105

| Part Number | Range   | Light Source | Housing           | Housing Material |     |
|-------------|---------|--------------|-------------------|------------------|-----|
| B50S001     | > 20 mm | White Light  | 45 × 52 × 72,5 mm | Aluminum         | 105 |
| B50S100     | > 20 mm | White Light  | 45 × 52 × 72,5 mm | Aluminum         | 105 |

## Image Processing and Smart Cameras

102 - 107

### Smart Cameras

106-107

| Part Number | Range   | Light Source | Housing           | Housing Material |     |
|-------------|---------|--------------|-------------------|------------------|-----|
| B50M001     | > 20 mm | White Light  | 45 × 52 × 72,5 mm | Aluminum         | 107 |
| B50M100     | > 20 mm | White Light  | 45 × 52 × 72,5 mm | Aluminum         | 107 |

## 1D/2D and Barcode Scanners

108 - 123

### Barcode Line Scanners

110-111

| Part Number | Range       | Light Source | Housing         | Housing Material |     |
|-------------|-------------|--------------|-----------------|------------------|-----|
| BLN0L1R10   | 10...320 mm | Red Light    | 29 × 60 × 52 mm | Aluminum         | 111 |

### Barcode Raster Scanners

112-113

| Part Number   | Range       | Light Source | Housing               | Housing Material |     |
|---------------|-------------|--------------|-----------------------|------------------|-----|
| FIS-0830-1100 | 51...762 mm | Laser (red)  | 35,1 × 65,7 × 87,9 mm | Aluminum         | 113 |
| FIS-0830-1101 | 51...762 mm | Laser (red)  | 35,1 × 65,7 × 87,9 mm | Aluminum         | 113 |
| FIS-0830-1102 | 51...762 mm | Laser (red)  | 35,1 × 65,7 × 87,9 mm | Aluminum         | 113 |

### Barcode Sweep Raster Scanners

114-117

| Part Number   | Range       | Light Source | Housing          | Housing Material |     |
|---------------|-------------|--------------|------------------|------------------|-----|
| FIS-0870-0107 | 25...762 mm | Laser (red)  | 45 × 95 × 109 mm | Aluminum         | 115 |
| FIS-0870-0108 | 25...762 mm | Laser (red)  | 45 × 95 × 109 mm | Aluminum         | 115 |
| FIS-0870-0109 | 25...762 mm | Laser (red)  | 45 × 95 × 109 mm | Aluminum         | 115 |
| FIS-0870-1105 | 25...762 mm | Laser (red)  | 45 × 95 × 109 mm | Aluminum         | 117 |
| FIS-0870-1106 | 25...762 mm | Laser (red)  | 45 × 95 × 109 mm | Aluminum         | 117 |
| FIS-0870-1107 | 25...762 mm | Laser (red)  | 45 × 95 × 109 mm | Aluminum         | 117 |

### 1D/2D Handheld Scanners

118-119

| Part Number | Range       | Light Source | Housing          | Housing Material |     |
|-------------|-------------|--------------|------------------|------------------|-----|
| CSMH001     | 38...394 mm | Red Light    | 131 × 91 × 52 mm | Plastic          | 119 |
| CSMH002     | 38...394 mm | Red Light    | 131 × 91 × 52 mm | Plastic          | 119 |
| CSMH003     | 38...394 mm | Red Light    | 131 × 91 × 52 mm | Plastic          | 119 |
| CSMH004     | 38...394 mm | Red Light    | 131 × 91 × 52 mm | Plastic          | 119 |

### 1D/2D Code Scanners

120-123

| Part Number | Range   | Light Source   | Housing           | Housing Material |     |
|-------------|---------|----------------|-------------------|------------------|-----|
| C50C001     | > 20 mm | White Light    | 45 × 52 × 72,5 mm | Aluminum         | 121 |
| C50C002     | > 20 mm | Infrared Light | 45 × 52 × 72,5 mm | Aluminum         | 121 |
| C50C003     | > 20 mm | Red Light      | 45 × 52 × 72,5 mm | Aluminum         | 121 |
| C50C100     | > 20 mm | White Light    | 45 × 52 × 72,5 mm | Aluminum         | 121 |
| C50C101     | > 20 mm | Infrared Light | 45 × 52 × 72,5 mm | Aluminum         | 121 |
| C50C102     | > 20 mm | Red Light      | 45 × 52 × 72,5 mm | Aluminum         | 121 |
| C50C011     |         |                | 45 × 52 × 83,1 mm | Aluminum         | 123 |
| C50C110     |         |                | 45 × 52 × 83,1 mm | Aluminum         | 123 |

|                                       |                  |
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| Part Number    |  |     |
|----------------|--|-----|
| <b>Z08M001</b> | Mounting Console with Fixed Limit Stop for M8 × 1; Flush Mounting    | 126 |
| <b>Z12M001</b> | Mounting Console with Fixed Limit Stop for M12 × 1; Flush Mounting   | 126 |
| <b>Z18M001</b> | Mounting Console with Fixed Limit Stop for M18 × 1; Flush Mounting   | 126 |
| <b>Z30M001</b> | Mounting Console with Fixed Limit Stop for M30 × 1,5; Flush Mounting | 127 |

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