Product is discontinued - Successor GX-M

Easy-to-use, cylindrical proximity sensors

Variety
- Stainless steel or chrome plated brass housings
- PNP or NPN output
- Cylinder or thread types
- Connection or cable types

Cost effective
- With a widely used M8/M12/M18
- Cylindrical shape housing means quick and easy installation

Typical Applications

Controlling depth of drilling  Sensing the punch of a die  Counting parts

05/2010
## Technical Specifications

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<tbody>
<tr>
<td>Sensor type</td>
<td>Cylinder type</td>
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<tr>
<td>M12</td>
<td>Ø 6.5</td>
<td>M8</td>
<td>M8</td>
<td>M12</td>
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### Maximum operating distance
- GXS-E015-DV2: 1.5mm ±10%
- GXS-E020-CV2: 1.5mm ±10%
- GXS-E020-DV2: 2.0mm ±10%
- GXS-E020-CV2: 2.0mm ±10%
- GXS-N025-BBCS: 2.5mm ±10%
- GXS-E020-BBC: 2.0mm ±10%
- GXS-N040-BBC: 2.0mm ±10%
- GXS-N040-BBCS: 4.0mm ±10%
- GXS-N040-BBC: 4.0mm ±10%

### Stable sensing range
- GXS-E015-DV2: 0 - 1.2mm
- GXS-E020-CV2: 0 - 1.6mm
- GXS-E020-DV2: 0 - 1.6mm
- GXS-E020-CV2: 0 - 2.0mm
- GXS-N025-BBCS: 0 - 1.6mm
- GXS-E020-BBC: 0 - 1.6mm
- GXS-N040-BBC: 0 - 3.2mm
- GXS-N040-BBCS: 0 - 3.2mm

### Detection frequency
- GXS-E015-DV2: 5kHz
- GXS-E020-CV2: 5kHz
- GXS-E020-DV2: 3kHz
- GXS-E020-CV2: 3kHz
- GXS-N025-BBCS: 3kHz
- GXS-E020-BBC: 3kHz
- GXS-N040-BBC: 2kHz
- GXS-N040-BBCS: 2kHz

### Standard
- GXS-E015-DV2: Steel
- GXS-E020-CV2: Steel
- GXS-E020-DV2: Steel
- GXS-E020-CV2: Steel
- GXS-N025-BBCS: Steel
- GXS-E020-BBC: Steel
- GXS-N040-BBC: Steel
- GXS-N040-BBCS: Steel

### Detectable object
- GXS-E015-DV2: 6.5x6.5x1mm
- GXS-E020-CV2: 6.5x6.5x1mm
- GXS-E020-DV2: 8.0x8.0x1mm
- GXS-E020-CV2: 8.0x8.0x1mm
- GXS-N025-BBCS: 12.0x12.0x1mm
- GXS-E020-BBC: 12.0x12.0x1mm
- GXS-N040-BBC: 12.0x12.0x1mm
- GXS-N040-BBCS: 12.0x12.0x1mm

### Supply voltage
- 10 to 30 VDC ±20%

### Hysteresis
- Max. 15% of maximum operating range

### Current consumption
- Max. 10 mA

### Housing material
- Stainless steel
- Chrome plated brass

### Protection
- IP67

### Connection
- J=Connector M8, Z=Connector M12, =cable2m

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All information is subject to change without prior notice

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