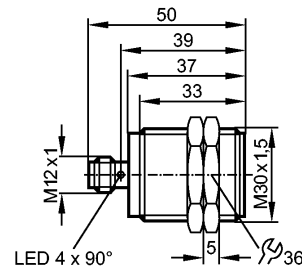


Inductive sensors

**IIS204**

IIB3015BBPKG/M/US  
Inductive sensor  
Metal thread M30 x 1.5  
Connector  
Increased sensing range  
gold-plated contacts  
  
Sensing range 15 mm [f]  
flush mountable



Made in Germany

**Electrical design**

**Output**

|                             |           |
|-----------------------------|-----------|
| Operating voltage           | [V]       |
| Current rating              | [mA]      |
| Short-circuit protection    |           |
| Reverse polarity protection |           |
| Overload protection         |           |
| Voltage drop                | [V]       |
| Current consumption         | [mA]      |
| Real sensing range (Sr)     | [mm]      |
| Operating distance          | [mm]      |
| Switch-point drift          | [% of Sr] |
| Hysteresis                  | [% of Sr] |
| Switching frequency         | [Hz]      |
| Correction factors          |           |

Ambient temperature [°C]

Protection

EMC

MTTF [Years]

Housing materials

Function display

Switching status LED

Connection

Weight [kg]

Accessories (included)

**DC PNP  
normally open**

|  |
|--|
| 10...36 DC   |
| 100  |
| pulsed   |
| yes  |
| yes  |
| < 2.5  |
| < 10 (24 V)  |
| 15 ± 10 %  |
| 0...12.1   |
| -10...10   |
| 3...15   |
| 100  |
| mild steel = 1 / stainless steel approx. 0.7 / brass approx. 0.5 / Al approx. 0.4 / Cu approx. 0.3 |
| -25...70   |
| IP 67, II  |
| EN 61000-4-2 ESD: 4 kV CD / 8 kV AD  |
| EN 61000-4-3 HF radiated: 10 V/m (80...1000 MHz)   |
| EN 61000-4-4 Burst: 2 kV   |
| EN 61000-4-6 HF conducted: 10 V (0.15...80 MHz)  |
| EN 55011: class B  |
| 1992   |
| brass white bronze coated; active face: PBT  |
| yellow (4 x 90°)   |
| M12 connector; gold-plated contacts  |
| 0.119  |
| 2 lock nuts  |

**Wiring**

