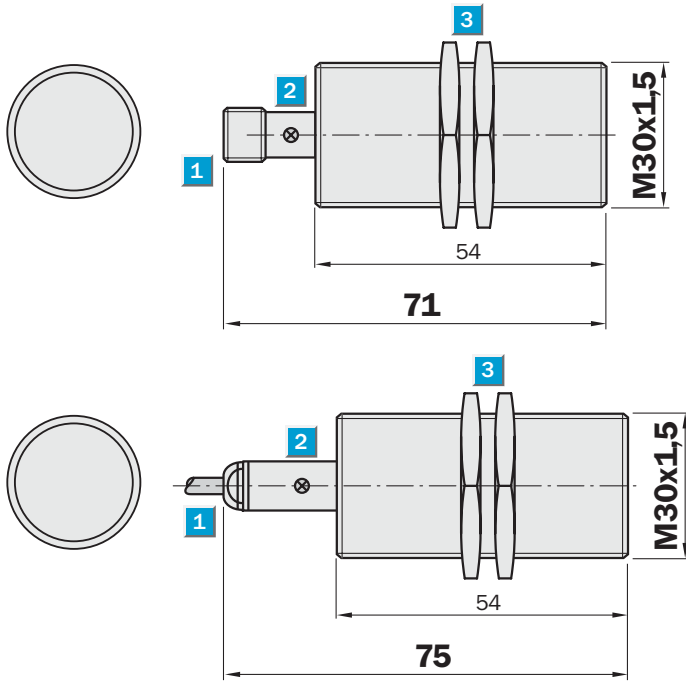


Sensing range
10 mm

Inductive sensor

- Short-circuit protection (pulsed)
- Robust brass housing, nickel-plated with fine thread M30 x 1.5 mm
- Enclosure rating IP 67
- Installation flush

Dimensional drawing

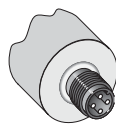


- 1 Connection
- 2 Display LED
- 3 Fastening nuts (2 x); width across 36, metal

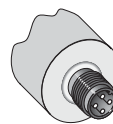
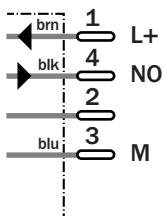


Connection type

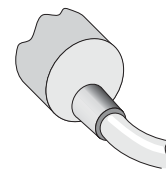
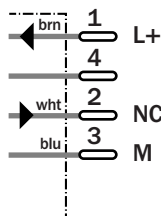
IME30-10BNSZC0S	IME30-10BNOZC0K	IME30-10BNOZW2S
IME30-10BPSZC0S	IME30-10BPOZC0S	IME30-10BNSZW2S
		IME30-10BPOZW2S
		IME30-10BPSZW2S



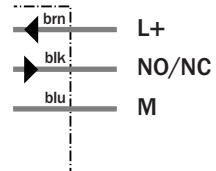
M12, 4-pin



M12, 4-pin



3 x 0.5 mm²



Accessories

Connector, M12, 4-pin
Mounting systems

Technical specifications		IME30-	10BNO ZC0K	10BNO ZW2S	10BNS ZC0S	10BNS ZW2S	10BPO ZC0S	10BPO ZW2S	10BPS ZC0S	10BPS ZW2S		
Sensing range S_n	10 mm											
Electrical configuration	DC 3-wire											
Supply voltage V_s	DC 10 ... 30 V											
Nominal voltage V_n	DC											
Ripple U_{pp}	≤ 10 %											
Voltage drop U_d	≤ 2 V ¹⁾											
Power consumption	≤ 10 mA ²⁾											
Continuous current I_a	≤ 200 mA											
Time delay before availability t_v	≤ 125 ms											
Hysteresis H, of s_r	5 ... 15 %											
Repeatability R	≤ 2 % (U_b and T_a constant) ³⁾											
Temperature drift, of s_r	± 10 %											
EMC	According to EN 60947-5-2											
Switching output	NPN											
	PNP											
Output function	Normally closed											
	Normally open											
Installation	Flush											
Connection type	Connector, M12, 4-pin											
	Cable, PVC, 2 m											
Enclosure rating	IP 67 ⁴⁾											
Max. switching frequency	100 Hz											
Dimensions	M30 x 1.5 ⁵⁾											
Short-circuit protection	✓ ⁶⁾											
Reverse polarity protection	✓											
Power-up pulse suppression	✓											
Shock/vibration stress	30 g, 11 ms/10 ... 55 Hz, 1 mm											
Ambient temperature T_a	-20 °C ... +65 °C											
Housing material	Brass nickel-plated, plastic											
Tightening torque	100 Nm											

¹⁾ at I_a max
²⁾ without load

³⁾ of s_r
⁴⁾ according to EN 60529

⁵⁾ Thread diameter x pitch (mm)
⁶⁾ (pulsed)

Reduction factor R_M

The following are reference values, which may vary from type to type:

St37 (Fe)	1
Stainless steel (V2A)	Approx. 0.8
Aluminum (solid)	Approx. 0.45
Copper (Cu)	Approx. 0.4

Ordering information

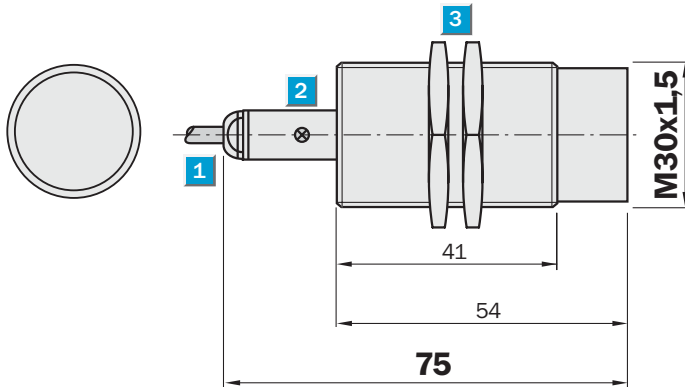
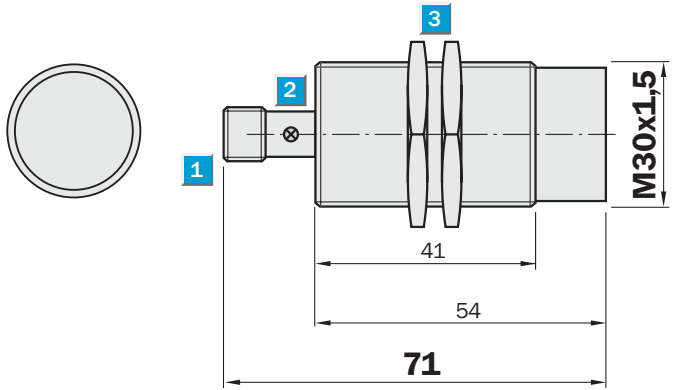
Type	Part Number
IME30-10BNOZC0K	1 041 010
IME30-10BNOZW2S	1 041 012
IME30-10BNSZC0S	1 041 006
IME30-10BNSZW2S	1 041 008
IME30-10BPOZC0S	1 041 002
IME30-10BPOZW2S	1 041 004
IME30-10BPSZC0S	1 040 998
IME30-10BPSZW2S	1 041 000

Sensing range
15 mm

Inductive sensor

- Short-circuit protection (pulsed)
- Robust brass housing, nickel-plated with fine thread M30 x 1.5 mm
- Enclosure rating IP 67
- Installation non-flush

Dimensional drawing

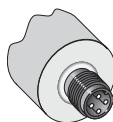


- 1 Connection
- 2 Display LED
- 3 Fastening nuts (2 x); width across 36, metal

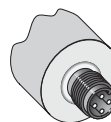
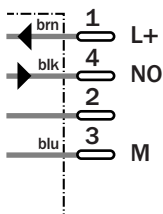


Connection type

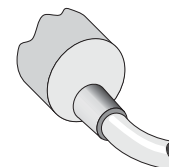
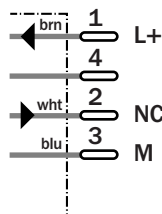
IME30-15NNSZC0S	IME30-15NNOZC0S	IME30-15NNOZW2S
IME30-15NPSZC0S	IME30-15NPOZC0S	IME30-15NNSZW2S
		IME30-15NPOZW2S
		IME30-15NPSZW2S



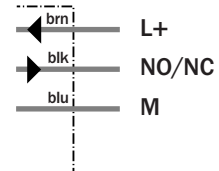
M12, 4-pin



M12, 4-pin



3 x 0.5 mm²



Accessories

Connector, M12, 4-pin

Mounting systems

Technical specifications		IME30-	15NN OZC0S	15NNO ZW2S	15NNS ZC0S	15NNS ZW2S	15NPO ZC0S	15NPO ZW2S	15NPS ZC0S	15NPS ZW2S		
Sensing range S_n	15 mm											
Electrical configuration	DC 3-wire											
Supply voltage V_s	DC 10 ... 30 V											
Nominal voltage V_n	DC											
Ripple U_{pp}	≤ 10 %											
Voltage drop U_d	≤ 2 V ¹⁾											
Power consumption	≤ 10 mA ²⁾											
Continuous current I_a	≤ 200 mA											
Time delay before availability t_v	≤ 125 ms											
Hysteresis H, of s_r	5 ... 15 %											
Repeatability R	≤ 2 % (U_b and T_a constant) ³⁾											
Temperature drift, of s_r	± 10 %											
EMC	According to EN 60947-5-2											
Switching output	NPN											
	PNP											
Output function	Normally closed											
	Normally open											
Installation	Non-flush											
Connection type	Connector, M12, 4-pin											
	Cable, PVC, 2 m											
Enclosure rating	IP 67 ⁴⁾											
Max. switching frequency	100 Hz											
Dimensions	M30 x 1.5 ⁵⁾											
Short-circuit protection	✓ ⁶⁾											
Reverse polarity protection	✓											
Power-up pulse suppression	✓											
Shock/vibration stress	30 g, 11 ms/10 ... 55 Hz, 1 mm											
Ambient temperature T_a	-20 °C ... +65 °C											
Housing material	Brass nickel-plated, plastic											
Tightening torque	100 Nm											

¹⁾ at I_a max
²⁾ without load

³⁾ of s_r
⁴⁾ according to EN 60529

⁵⁾ Thread diameter x pitch (mm)
⁶⁾ (pulsed)

Reduction factor R_M

The following are reference values, which may vary from type to type:

St37 (Fe)	1
Stainless steel (V2A)	Approx. 0.8
Aluminum (solid)	Approx. 0.45
Copper (Cu)	Approx. 0.4

Ordering information

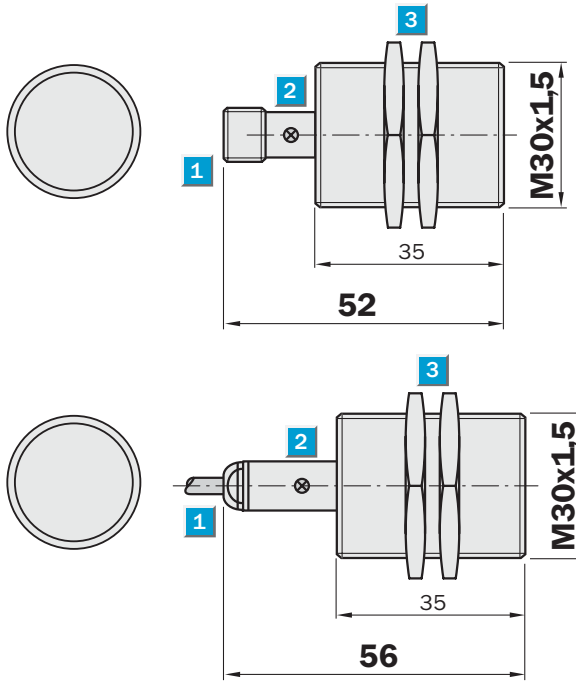
Type	Part Number
IME30-15NNOZC0S	1 041 026
IME30-15NNOZW2S	1 041 028
IME30-15NNSZC0S	1 041 022
IME30-15NNSZW2S	1 041 024
IME30-15NPOZC0S	1 041 018
IME30-15NPOZW2S	1 041 020
IME30-15NPSZC0S	1 041 014
IME30-15NPSZW2S	1 041 016

Sensing range
10 mm

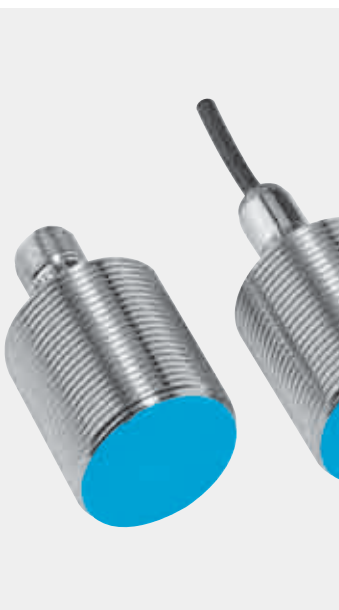
Inductive sensor

- Short-circuit protection (pulsed)
- Robust brass housing, nickel-plated with fine thread M30 x 1.5 mm
- Enclosure rating IP 67
- Installation flush

Dimensional drawing

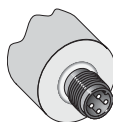


- 1 Connection
- 2 Display LED
- 3 Fastening nuts (2 x); width across 36, metal

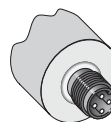
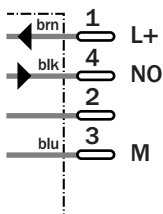


Connection type

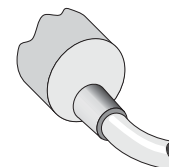
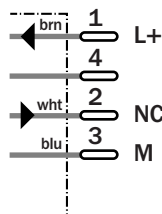
IME30-10BNSZC0K	IME30-10BNOZC0S	IME30-10BNOZW2K
IME30-10BPSZC0K	IME30-10BPOZC0K	IME30-10BNSZW2K
		IME30-10BPOZW2K
		IME30-10BPSZW2K



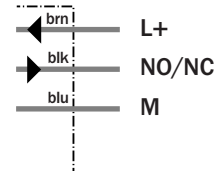
M12, 4-pin



M12, 4-pin



3 x 0.5 mm²



Accessories

Connector, M12, 4-pin

Mounting systems

Technical specifications		IME30-	10BNO ZC0S	10BNO ZW2K	10BNS ZC0K	10BNS ZW2K	10BPO ZC0K	10BPO ZW2K	10BPS ZC0K	10BPS ZW2K		
Sensing range S_n	10 mm											
Electrical configuration	DC 3-wire											
Supply voltage V_s	DC 10 ... 30 V											
Nominal voltage V_n	DC											
Ripple U_{pp}	≤ 10 %											
Voltage drop U_d	≤ 2 V ¹⁾											
Power consumption	≤ 10 mA ²⁾											
Continuous current I_a	≤ 200 mA											
Time delay before availability t_v	≤ 125 ms											
Hysteresis H, of s_r	5 ... 15 %											
Repeatability R	≤ 2 % (U_b and T_a constant) ³⁾											
Temperature drift, of s_r	± 10 %											
EMC	According to EN 60947-5-2											
Switching output	NPN											
	PNP											
Output function	Normally closed											
	Normally open											
Installation	Flush											
Connection type	Connector, M12, 4-pin											
	Cable, PVC, 2 m											
Enclosure rating	IP 67 ⁴⁾											
Max. switching frequency	100 Hz											
Dimensions	M30 x 1.5 ⁵⁾											
Short-circuit protection	✓ ⁶⁾											
Reverse polarity protection	✓											
Power-up pulse suppression	✓											
Shock/vibration stress	30 g, 11 ms/10 ... 55 Hz, 1 mm											
Ambient temperature T_a	-20 °C ... +65 °C											
Housing material	Brass nickel-plated, plastic											
Tightening torque	100 Nm											

¹⁾ at I_a max
²⁾ without load

³⁾ of s_r
⁴⁾ according to EN 60529

⁵⁾ Thread diameter x pitch (mm)
⁶⁾ (pulsed)

Reduction factor R_M

The following are reference values, which may vary from type to type:

St37 (Fe)	1
Stainless steel (V2A)	Approx. 0.8
Aluminum (solid)	Approx. 0.45
Copper (Cu)	Approx. 0.4

Ordering information

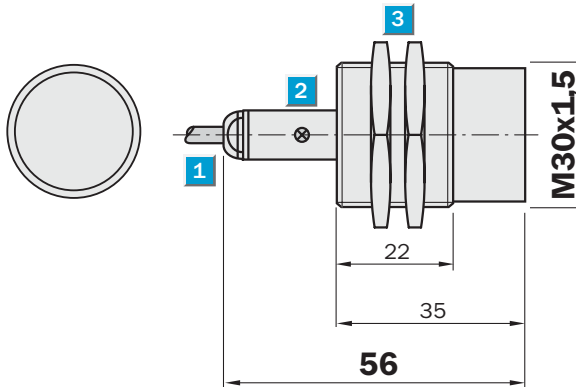
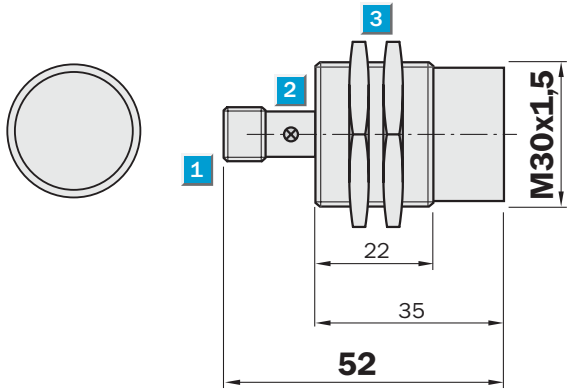
Type	Part Number
IME30-10BNOZC0S	1 041 009
IME30-10BNOZW2K	1 041 011
IME30-10BNSZC0K	1 041 005
IME30-10BNSZW2K	1 041 007
IME30-10BPOZC0K	1 041 001
IME30-10BPOZW2K	1 041 003
IME30-10BPSZC0K	1 040 997
IME30-10BPSZW2K	1 040 999

Sensing range
15 mm

Inductive sensor

- Short-circuit protection (pulsed)
- Robust brass housing, nickel-plated with fine thread M30 x 1.5 mm
- Enclosure rating IP 67
- Installation non-flush

Dimensional drawing

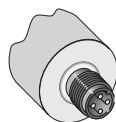


- 1 Connection
- 2 Display LED
- 3 Fastening nuts (2 x); width across 36, metal

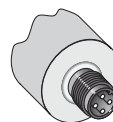
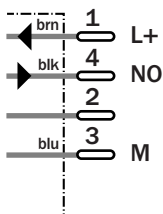


Connection type

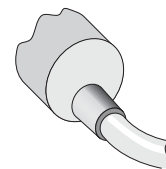
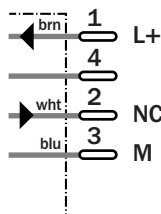
IME30-15NNSZC0K	IME30-15NNOZC0K	IME30-15NNOZW2K
IME30-15NPSZC0K	IME30-15NPOZC0K	IME30-15NNSZW2K
		IME30-15NPOZW2K
		IME30-15NPSZW2K



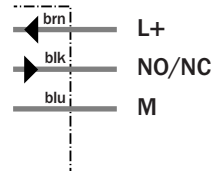
M12, 4-pin



M12, 4-pin



3 x 0.5 mm²



Accessories

Connector, M12, 4-pin
Mounting systems

Technical specifications		IME30-	15NN OZCOK	15NNO ZW2K	15NNS ZCOK	15NNS ZW2K	15NPO ZCOK	15NPO ZW2K	15NPS ZCOK	15NPS ZW2K		
Sensing range S_n	15 mm											
Electrical configuration	DC 3-wire											
Supply voltage V_s	DC 10 ... 30 V											
Nominal voltage V_n	DC											
Ripple U_{pp}	≤ 10 %											
Voltage drop U_d	≤ 2 V ¹⁾											
Power consumption	≤ 10 mA ²⁾											
Continuous current I_a	≤ 200 mA											
Time delay before availability t_v	≤ 125 ms											
Hysteresis H, of s_r	5 ... 15 %											
Repeatability R	≤ 2 % (U_b and T_a constant) ³⁾											
Temperature drift, of s_r	± 10 %											
EMC	According to EN 60947-5-2											
Switching output	NPN											
	PNP											
Output function	Normally closed											
	Normally open											
Installation	Non-flush											
Connection type	Connector, M12, 4-pin											
	Cable, PVC, 2 m											
Enclosure rating	IP 67 ⁴⁾											
Max. switching frequency	100 Hz											
Dimensions	M30 x 1.5 ⁵⁾											
Short-circuit protection	✓ ⁶⁾											
Reverse polarity protection	✓											
Power-up pulse suppression	✓											
Shock/vibration stress	30 g, 11 ms/10 ... 55 Hz, 1 mm											
Ambient temperature T_a	-20 °C ... +65 °C											
Housing material	Brass nickel-plated, plastic											
Tightening torque	100 Nm											

¹⁾ at I_a max
²⁾ without load

³⁾ of s_r
⁴⁾ according to EN 60529

⁵⁾ Thread diameter x pitch (mm)
⁶⁾ (pulsed)

Reduction factor R_M

The following are reference values, which may vary from type to type:

St37 (Fe)	1
Stainless steel (V2A)	Approx. 0.8
Aluminum (solid)	Approx. 0.45
Copper (Cu)	Approx. 0.4

Ordering information

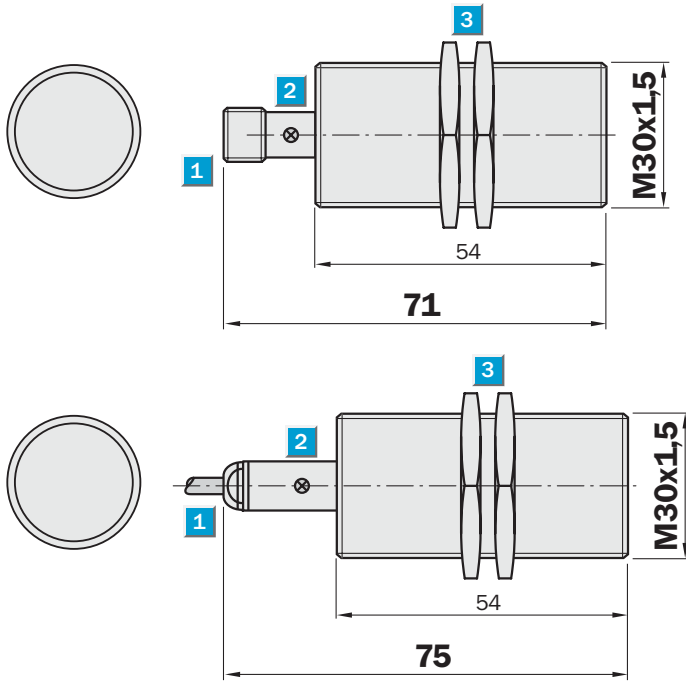
Type	Part Number
IME30-15NNOZCOK	1 041 025
IME30-15NNOZW2K	1 041 027
IME30-15NNSZCOK	1 041 021
IME30-15NNSZW2K	1 041 023
IME30-15NPOZCOK	1 041 017
IME30-15NPOZW2K	1 041 019
IME30-15NPSZCOK	1 041 013
IME30-15NPSZW2K	1 041 015

Sensing range
15 mm

Inductive sensor

- Enhanced sensing range
- Short-circuit protection (pulsed)
- Robust brass housing, nickel-plated with fine thread M30 x 1.5 mm
- Enclosure rating IP 67
- Installation quasi-flush

Dimensional drawing

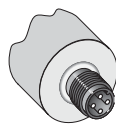


- 1 Connection
- 2 Display LED
- 3 Fastening nuts (2 x); width across 36, metal

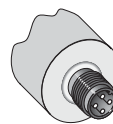
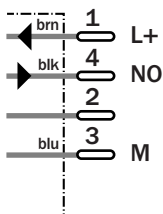


Connection type

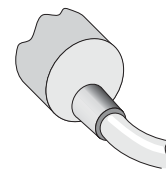
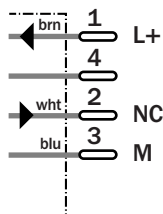
IME30-15BNSZC0S	IME30-15BNOZC0S	IME30-15BNOZW2S
IME30-15BPSZC0S	IME30-15BPOZC0S	IME30-15BNSZW2S
		IME30-15BPOZW2S
		IME30-15BPSZW2S



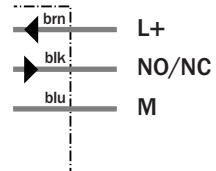
M12, 4-pin



M12, 4-pin



3 x 0.5 mm²



Accessories

Connector, M12, 4-pin
Mounting systems

Technical specifications		IME30-	15BNO ZC0S	15BNO ZW2S	15BNS ZC0S	15BNS ZW2S	15BP0 ZC0S	15BP0 ZW2S	15BPS ZC0S	15BPS ZW2S		
Sensing range S_n	15 mm											
Electrical configuration	DC 3-wire											
Supply voltage V_s	DC 10 ... 30 V											
Nominal voltage V_n	DC											
Ripple U_{pp}	≤ 10 %											
Voltage drop U_d	≤ 2 V ¹⁾											
Power consumption	≤ 10 mA ²⁾											
Continuous current I_a	≤ 200 mA											
Time delay before availability t_v	≤ 125 ms											
Hysteresis H, of s_r	5 ... 15 %											
Repeatability R	≤ 2 % (U_b and T_a constant) ³⁾											
Temperature drift, of s_r	± 10 %											
EMC	According to EN 60947-5-2											
Switching output	NPN											
	PNP											
Output function	Normally closed											
	Normally open											
Installation	Quasi-flush											
Connection type	Connector, M12, 4-pin											
	Cable, PVC, 2 m											
Enclosure rating	IP 67 ⁴⁾											
Max. switching frequency	100 Hz											
Dimensions	M30 x 1.5 ⁵⁾											
Short-circuit protection	✓ ⁶⁾											
Reverse polarity protection	✓											
Power-up pulse suppression	✓											
Shock/vibration stress	30 g, 11 ms/10 ... 55 Hz, 1 mm											
Ambient temperature T_a	-20 °C ... +65 °C											
Housing material	Brass nickel-plated, plastic											
Tightening torque	100 Nm											

¹⁾ at I_a max
²⁾ without load

³⁾ of s_r
⁴⁾ according to EN 60529

⁵⁾ Thread diameter x pitch (mm)
⁶⁾ (pulsed)

Reduction factor R_M

The following are reference values, which may vary from type to type:

St37 (Fe)	1
Stainless steel (V2A)	Approx. 0.8
Aluminum (solid)	Approx. 0.45
Copper (Cu)	Approx. 0.4

Ordering information

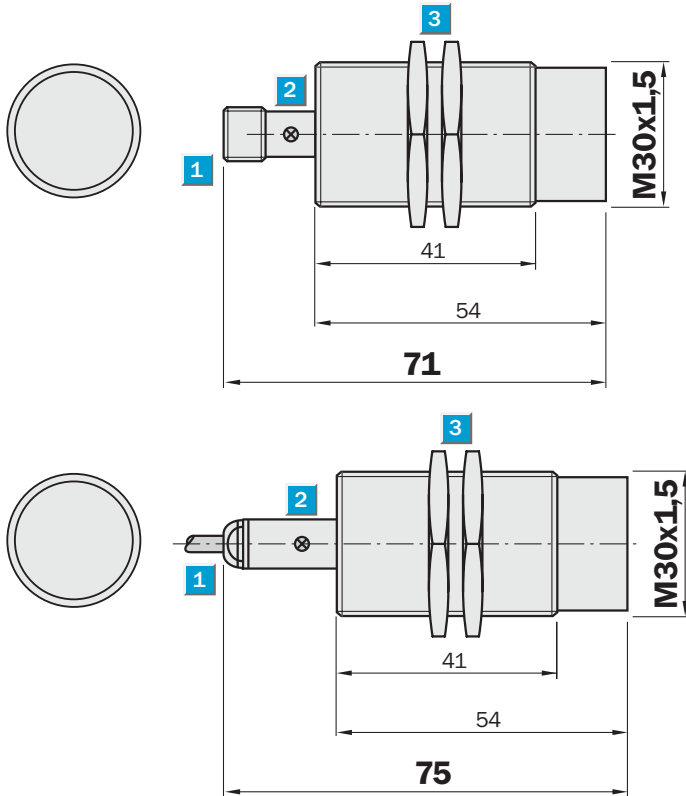
Type	Part Number
IME30-15BNOZC0S	1 041 042
IME30-15BNOZW2S	1 041 044
IME30-15BNSZC0S	1 041 038
IME30-15BNSZW2S	1 041 040
IME30-15BP0ZC0S	1 041 034
IME30-15BP0ZW2S	1 041 036
IME30-15BPSZC0S	1 041 030
IME30-15BPSZW2S	1 041 032

Sensing range
20 mm

Inductive sensor

- Enhanced sensing range
- Short-circuit protection (pulsed)
- Robust brass housing, nickel-plated with fine thread
M30 x 1.5 mm
- Enclosure rating IP 67
- Installation non-flush

Dimensional drawing

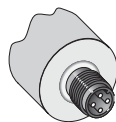


- 1 Connection
- 2 Display LED
- 3 Fastening nuts (2 x); width across 36, metal

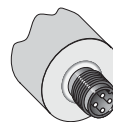
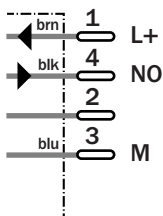


Connection type

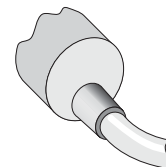
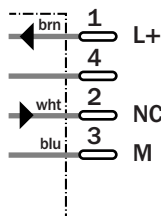
IME30-20NNSZC0S	IME30-20NNOZC0S	IME30-20NNOZW2S
IME30-20NPSZC0S	IME30-20NPOZC0S	IME30-20NNSZW2S
		IME30-20NPOZW2S
		IME30-20NPSZW2S



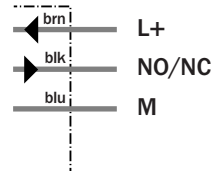
M12, 4-pin



M12, 4-pin



3 x 0.5 mm²



Accessories

Connector, M12, 4-pin

Mounting systems

Technical specifications		IME30-	20NN OZC0S	20NNO ZW2S	20NNS ZC0S	20NNS ZW2S	20NPO ZC0S	20NPO ZW2S	20NPS ZC0S	20NPS ZW2S		
Sensing range S_n	20 mm											
Electrical configuration	DC 3-wire											
Supply voltage V_s	DC 10 ... 30 V											
Nominal voltage V_n	DC											
Ripple U_{pp}	≤ 10 %											
Voltage drop U_d	≤ 2 V ¹⁾											
Power consumption	≤ 10 mA ²⁾											
Continuous current I_a	≤ 200 mA											
Time delay before availability t_v	≤ 125 ms											
Hysteresis H, of s_r	5 ... 15 %											
Repeatability R	≤ 2 % (U_b and T_a constant) ³⁾											
Temperature drift, of s_r	± 10 %											
EMC	According to EN 60947-5-2											
Switching output	NPN											
	PNP											
Output function	Normally closed											
	Normally open											
Installation	Non-flush											
Connection type	Connector, M12, 4-pin											
	Cable, PVC, 2 m											
Enclosure rating	IP 67 ⁴⁾											
Max. switching frequency	100 Hz											
Dimensions	M30 x 1.5 ⁵⁾											
Short-circuit protection	✓ ⁶⁾											
Reverse polarity protection	✓											
Power-up pulse suppression	✓											
Shock/vibration stress	30 g, 11 ms/10 ... 55 Hz, 1 mm											
Ambient temperature T_a	-20 °C ... +65 °C											
Housing material	Brass nickel-plated, plastic											
Tightening torque	100 Nm											

¹⁾ at I_a max
²⁾ without load

³⁾ of s_r
⁴⁾ according to EN 60529

⁵⁾ Thread diameter x pitch (mm)
⁶⁾ (pulsed)

Reduction factor R_M

The following are reference values, which may vary from type to type:

St37 (Fe)	1
Stainless steel (V2A)	Approx. 0.8
Aluminum (solid)	Approx. 0.45
Copper (Cu)	Approx. 0.4

Ordering information

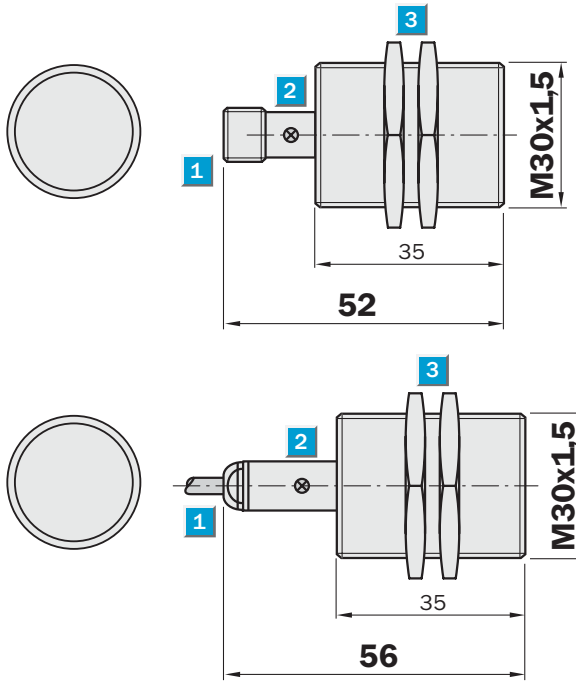
Type	Part Number
IME30-20NNOZC0S	1 041 058
IME30-20NNOZW2S	1 041 060
IME30-20NNSZC0S	1 041 054
IME30-20NNSZW2S	1 041 056
IME30-20NPOZC0S	1 041 050
IME30-20NPOZW2S	1 041 052
IME30-20NPSZC0S	1 041 046
IME30-20NPSZW2S	1 041 048

Sensing range
15 mm

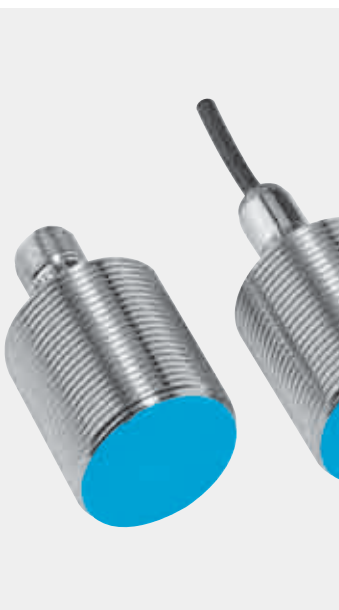
Inductive sensor

- Enhanced sensing range
- Short-circuit protection (pulsed)
- Robust brass housing, nickel-plated with fine thread M30 x 1.5 mm
- Enclosure rating IP 67
- Installation quasi-flush

Dimensional drawing

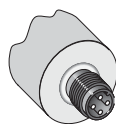


- 1 Connection
- 2 Display LED
- 3 Fastening nuts (2 x); width across 36, metal

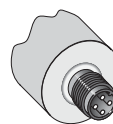
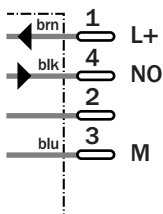


Connection type

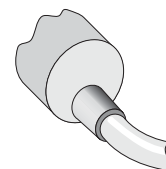
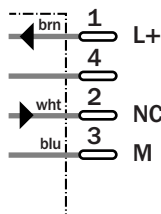
IME30-15BNSZC0K	IME30-15BNOZC0K	IME30-15BNOZW2K
IME30-15BPSZC0K	IME30-15BPOZC0K	IME30-15BNSZW2K
		IME30-15BPOZW2K
		IME30-15BPSZW2K



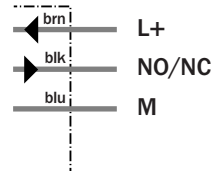
M12, 4-pin



M12, 4-pin



3 x 0.15 mm²



Accessories

Connector, M12, 4-pin
Mounting systems

Technical specifications		IME30-	15BNO ZC0K	15BNO ZW2K	15BNS ZC0K	15BNS ZW2K	15BPO ZC0K	15BPO ZW2K	15BPS ZC0K	15BPS ZW2K		
Sensing range S_n	15 mm											
Electrical configuration	DC 3-wire											
Supply voltage V_s	DC 10 ... 30 V											
Nominal voltage V_n	DC											
Ripple U_{pp}	≤ 10 %											
Voltage drop U_d	≤ 2 V ¹⁾											
Power consumption	≤ 10 mA ²⁾											
Continuous current I_a	≤ 200 mA											
Time delay before availability t_v	≤ 125 ms											
Hysteresis H, of s_r	5 ... 15 %											
Repeatability R	≤ 2 % (U_b and T_a constant) ³⁾											
Temperature drift, of s_r	± 10 %											
EMC	According to EN 60947-5-2											
Switching output	NPN											
	PNP											
Output function	Normally closed											
	Normally open											
Installation	Quasi-flush											
Connection type	Connector, M12, 4-pin											
	Cable, PVC, 2 m											
Enclosure rating	IP 67 ⁴⁾											
Max. switching frequency	100 Hz											
Dimensions	M30 x 1.5 ⁵⁾											
Short-circuit protection	✓ ⁶⁾											
Reverse polarity protection	✓											
Power-up pulse suppression	✓											
Shock/vibration stress	30 g, 11 ms/10 ... 55 Hz, 1 mm											
Ambient temperature T_a	-20 °C ... +65 °C											
Housing material	Brass nickel-plated, plastic											
Tightening torque	100 Nm											

¹⁾ at I_a max
²⁾ without load

³⁾ of s_r
⁴⁾ according to EN 60529

⁵⁾ Thread diameter x pitch (mm)
⁶⁾ (pulsed)

Reduction factor R_M

The following are reference values, which may vary from type to type:

St37 (Fe)	1
Stainless steel (V2A)	Approx. 0.8
Aluminum (solid)	Approx. 0.45
Copper (Cu)	Approx. 0.4

Ordering information

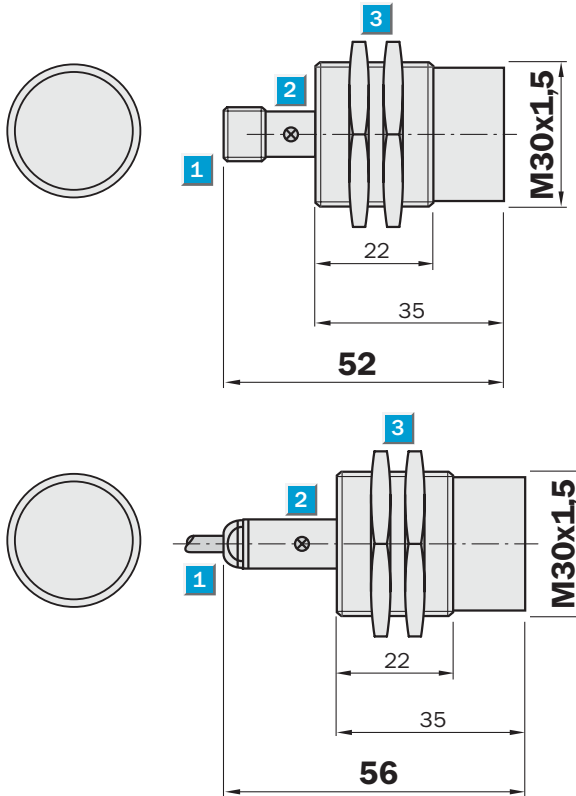
Type	Part Number
IME30-15BNOZC0K	1 041 041
IME30-15BNOZW2K	1 041 043
IME30-15BNSZC0K	1 041 037
IME30-15BNSZW2K	1 041 039
IME30-15BPOZC0K	1 041 033
IME30-15BPOZW2K	1 041 035
IME30-15BPSZC0K	1 041 029
IME30-15BPSZW2K	1 041 031

Sensing range
20 mm

Inductive sensor

- Enhanced sensing range
- Short-circuit protection (pulsed)
- Robust brass housing, nickel-plated with fine thread M30 x 1.5 mm
- Enclosure rating IP 67
- Installation non-flush

Dimensional drawing

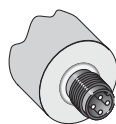


- 1 Connection
- 2 Display LED
- 3 Fastening nuts (2 x); width across 36, metal

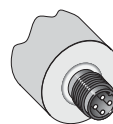
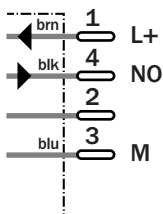


Connection type

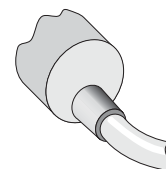
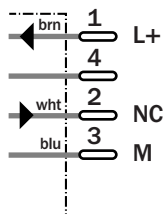
IME30-20NNSZCOK	IME30-20NNOZCOK	IME30-20NNOZW2K
IME30-20NPSZCOK	IME30-20NPOZCOK	IME30-20NNSZW2K
		IME30-20NPOZW2K
		IME30-20NPSZW2K



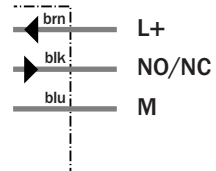
M12, 4-pin



M12, 4-pin



3 x 0.5 mm²



Accessories

Connector, M12, 4-pin
Mounting systems

Technical specifications		IME30-	20NN OZCOK	20NNO ZW2K	20NNS ZCOK	20NNS ZW2K	20NPO ZCOK	20NPO ZW2K	20NPS ZCOK	20NPS ZW2K		
Sensing range S_n	20 mm											
Electrical configuration	DC 3-wire											
Supply voltage V_s	DC 10 ... 30 V											
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Continuous current I_a	≤ 200 mA											
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Output function	Normally closed											
	Normally open											
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	Cable, PVC, 2 m											
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Reverse polarity protection	✓											
Power-up pulse suppression	✓											
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Ambient temperature T_a	-20 °C ... +65 °C											
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Tightening torque	100 Nm											

¹⁾ at I_a max
²⁾ without load

³⁾ of s_r
⁴⁾ according to EN 60529

⁵⁾ Thread diameter x pitch (mm)
⁶⁾ (pulsed)

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Ordering information

Type	Part Number
IME30-20NNOZCOK	1 041 057
IME30-20NNOZW2K	1 041 059
IME30-20NNSZCOK	1 041 053
IME30-20NNSZW2K	1 041 055
IME30-20NPOZCOK	1 041 049
IME30-20NPOZW2K	1 041 051
IME30-20NPSZCOK	1 041 045
IME30-20NPSZW2K	1 041 047