

DC INDUCTIVE PROXIMITY SWITCH

Diameter
☒ Shielded ☐ non-Shielded
Switching Distance, Sn: mm
Housing Material
☒ With LED ☐ Without LED

Picture

M 12	
	
6 mm	10 mm
Nickel plated brass	
	



M18	
	
5 mm	8 mm
stainless steel or nickel plated brass	
	



Operating Voltage
Ripple
No Load Current
Max. Load Current
Leakge Current
Voltage Drop
Switching Frequency
Response Time
Switching Hysteresis
Repeat Accuracy
Protection Category
Operating Temperature
Temperature Drift
Short Circuit Protection
Overload Trip Point
Material Active Face

10-30VDC	
<10%	
<10mA	
200mA	
<0.01mA	
<2.0V	
800HZ	400HZ
0.2ms/0.2ms	0.3ms/0.3ms
<15% (Sr)	
<1.0%(Sr)	
IP67	
-25 °C - +70 °C	
<10% (Sr)	
YES	
220mA	
POM	PBT

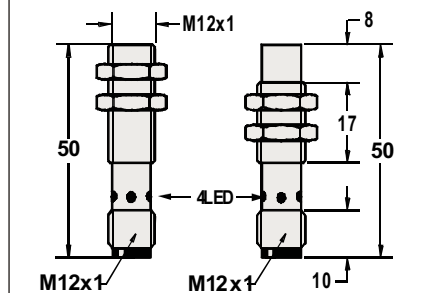
10-30VDC / 5-36VDC / 10-55VDC / 10-60VDC	
<10%	
<10mA	
200mA	
<0.01mA	
<1.5V	
1 KHZ	500HZ
0.2ms/0.2ms	0.5ms/0.5ms
<15% (Sr)	
<1.0 % (Sr)	
IP67	
-25 °C - +70 °C	
<10% (Sr)	
YES	
220mA	
PBT	

DC 3 wire 10-30VNPN N.O.
DC 3 wire 10-30VNPN N.C.
DC 3 wire 10-30VPNP N.O.
DC 3 wire 10-30VPNP N.C.
DC 4 wire 10-30V Changeover PNP (N.O. & N.C.)
DC 4 wire 10-30V Changeover NPN (N.O. & N.C.)
DC 2 wire 10-60VN.O. *
DC 2 wire 10-60VN.C. *
DC 3 wire 10-55vNPN N.O.
DC 3 wire 10-55vNPN N.C.
DC 3 wire 10-55vPNP N.O.
DC 3 wire 10-55vPNP N.C.
DC 3 wire 5-36VNPN N.O.
DC 3 wire 5-36VNPN N.C.
DC 3 wire 5-36VPNP N.O.
DC 3 wire 5-36VPNP N.C.
DC 4 wire 5-36V Changeover PNP (N.O & N.C.)
DC 4 wire 5-36V Changeover NPN (N.O & N.C.)

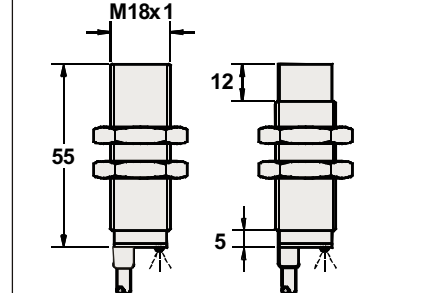
[illegible]

P1C1B1805N03A2	1	P1C2B1808N03A2
P1C1B1805NC3A2	2	P1C2B1808NC3A2
P1C1B1805PO3A2	3	P1C2B1808PO3A2
P1C1B1805PC3A2	4	P1C2B1808PC3A2
P1C1B1805PS4A2	6	P1C2B1808PS4A2
P1C1B1805NS4A2	5	P1C2B1808NS4A2
P4C1B1805CO2A2	7	P4C2B1808CO2A2
P4C1B1805CC2A2	8	P4C2B1808CC2A2
P3C1B1805N03A2	1	P3C2B1808N03A2
P3C1B1805NC3A2	2	P3C2B1808NC3A2
P3C1B1805PO3A2	3	P3C2B1808PO3A2
P3C1B1805PC3A2	4	P3C2B1808PC3A2
P2C1B1805N03A2	1	P2C2B1808N03A2
P2C1B1805NC3A2	2	P2C2B1808NC3A2
P2C1B1805PO3A2	3	P2C2B1808PO3A2
P2C1B1805PC3A2	4	P2C2B1808PC3A2
P2C1B1805PS4A2	6	P2C2B1808PS4A2
P2C1B1805NS4A2	5	P2C2B1808NS4A2

Dimensions (unit: mm)



* : DC 2wire 10-60V specifications
see page 178. Other is same.



Cable 2M (PVC)
Weight

approx.25 g	Approx.23 g

5.8 ϕ 3x0.5 or 5.8 ϕ 4x0.5	
Approx 153 g	Approx 144 g

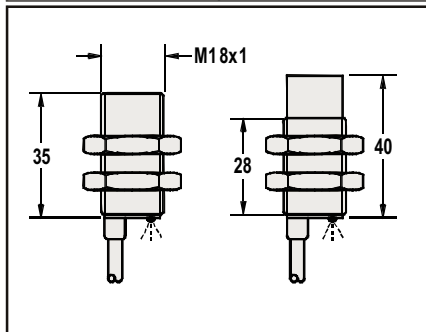
DC INDUCTIVE PROXIMITY SWITCH

M 18	
	
5 mm	8 mm
stainless steel or nickel plated brass	
	



10-30VDC / 5-36VDC / 10-55VDC / 10-60VDC	
<10%	
<10mA	
200mA	
<0.01mA	
<1.5V	
1KHZ	500HZ
0.2ms/0.2ms	0.5ms/0.5ms
<15%(Sr)	
<1.0%(Sr)	
IP67	
-25 °C - +70 °C	
<10%(Sr)	
YES	
220mA	
PBT	

P1C1B1805NO3S2	1	P1C2B1808NO3S2
P1C1B1805NC3S2	2	P1C2B1808NC3S2
P1C1B1805PO3S2	3	P1C2B1808PO3S2
P1C1B1805PC3S2	4	P1C2B1808PC3S2
P1C1B1805PS4S2	6	P1C2B1808PS4S2
P1C1B1805NS4S2	5	P1C2B1808NS4S2
P4C1B1805CO2S2	7	P4C2B1808CO2S2
P4C1B1805CC2S2	8	P4C2B1808CC2S2
P3C1B1805NO3S2	1	P3C2B1808NO3S2
P3C1B1805NC3S2	2	P3C2B1808NC3S2
P3C1B1805PO3S2	3	P3C2B1808PO3S2
P3C1B1805PC3S2	4	P3C2B1808PC3S2
P2C1B1805NO3S2	1	P2C2B1808NO3S2
P2C1B1805NC3S2	2	P2C2B1808NC3S2
P2C1B1805PO3S2	3	P2C2B1808PO3S2
P2C1B1805PC3S2	4	P2C2B1808PC3S2
P2C1B1805PS4S2	6	P2C2B1808PS4S2
P2C1B1805NS4S2	5	P2C2B1808NS4S2



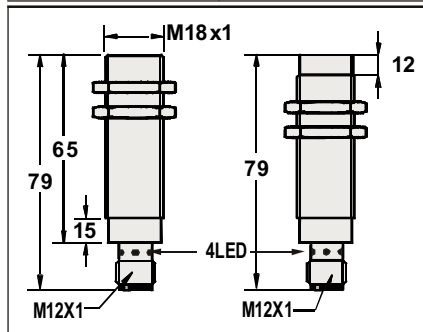
4φ 3x0.34 or 4φ 4x0.34	
Approx. 132 g	Approx. 134 g

M 18	
	
5 mm	8 mm
stainless steel or nickel plated brass	
	



10-30VDC / 5-36VDC / 10-55VDC / 10-60VDC	
<10%	
<10mA	
200mA	
<0.01mA	
<1.5V	
1KHZ	500HZ
0.2ms/0.2ms	0.5ms/0.5ms
<15%(Sr)	
<1.0%(Sr)	
IP 67	
-25 °C - +70 °C	
<10%(Sr)	
YES	
220mA	
PBT	

P1C1B1805NOEA4	1	P1C2B1808NOEA4
P1C1B1805NCEA4	2	P1C2B1808NCEA4
P1C1B1805POEA4	3	P1C2B1808POEA4
P1C1B1805PCEA4	4	P1C2B1808PCEA4
P1C1B1805PSEA4	6	P1C2B1808PSEA4
P1C1B1805NSEA4	5	P1C2B1808NSEA4
P4C1B1805COEA4	7	P4C2B1808COEA4
P4C1B1805CCEA4	8	P4C2B1808CCEA4
P3C1B1805NOEA4	1	P3C2B1808NOEA4
P3C1B1805NCEA4	2	P3C2B1808NCEA4
P3C1B1805POEA4	3	P3C2B1808POEA4
P3C1B1805PCEA4	4	P3C2B1808PCEA4
P2C1B1805NOEA4	1	P2C2B1808NOEA4
P2C1B1805NCEA4	2	P2C2B1808NCEA4
P2C1B1805POEA4	3	P2C2B1808POEA4
P2C1B1805PCEA4	4	P2C2B1808PCEA4
P2C1B1805PSEA4	6	P2C2B1808PSEA4
P2C1B1805NSEA4	5	P2C2B1808NSEA4



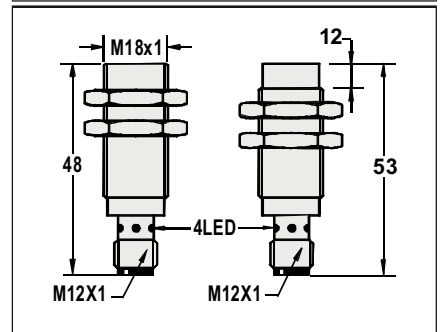
Approx. 94 g	Approx. 91 g
--------------	--------------

M 18	
	
5 mm	8 mm
stainless steel or nickel plated brass	
	



10-30VDC / 5-36VDC / 10-55VDC / 10-60VDC	
<10%	
<10mA	
200mA	
<0.01mA	
<1.5V	
1KHZ	500HZ
0.2ms/0.2ms	0.5ms/0.5ms
<15%(Sr)	
<1.0%(Sr)	
IP 67	
-25 °C - +70 °C	
<10%(Sr)	
YES	
220mA	
PBT	

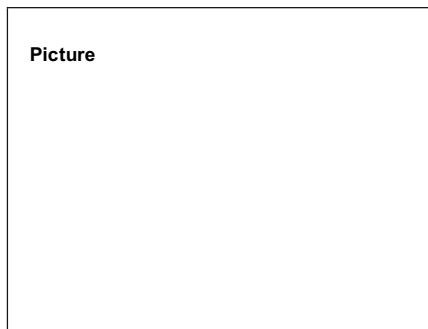
P1C1B1805NOES4	1	P1C2B1808NOES4
P1C1B1805NCES4	2	P1C2B1808NCES4
P1C1B1805POES4	3	P1C2B1808POES4
P1C1B1805PCES4	4	P1C2B1808PCES4
P1C1B1805PSES4	6	P1C2B1808PSES4
P1C1B1805NSES4	5	P1C2B1808NSES4
P4C1B1805COES4	7	P4C2B1808COES4
P4C1B1805CCES4	8	P4C2B1808CCES4
P3C1B1805NOES4	1	P3C2B1808NOES4
P3C1B1805NCES4	2	P3C2B1808NCES4
P3C1B1805POES4	3	P3C2B1808POES4
P3C1B1805PCES4	4	P3C2B1808PCES4
P2C1B1805NOES4	1	P2C2B1808NOES4
P2C1B1805NCES4	2	P2C2B1808NCES4
P2C1B1805POES4	3	P2C2B1808POES4
P2C1B1805PCES4	4	P2C2B1808PCES4
P2C1B1805PSES4	6	P2C2B1808PSES4
P2C1B1805NSES4	5	P2C2B1808NSES4



Approx. 50 g

DC INDUCTIVE PROXIMITY SWITCH

Diameter
● Shielded ○ non-Shielded
Switching Distance, Sn: mm
Housing Material
● With LED ○ Without LED



Operating Voltage
Ripple
No Load Current
Max. Load Current
Leakage Current
Voltage Drop
Switching Frequency
Response Time
Switching Hysteresis
Repeat Accuracy
Protection Category
Operating Temperature
Temperature Drift
Short Circuit Protection
Overload Trip Point
Material Active Face

DC 3 wire 10-30V NPN N.O.
DC 3 wire 10-30V NPN N.C.
DC 3 wire 10-30V PNP N.O.
DC 3 wire 10-30V PNP N.C.
DC 4 wire 10-30V Changeover PNP (N.O. & N.C.)
DC 4 wire 10-30V Changeover NPN (N.O. & N.C.)
DC 2 wire 10-60V N.O. *
DC 2 wire 10-60V N.C. *
DC 3 wire 10-55V NPN N.O.
DC 3 wire 10-55V NPN N.C.
DC 3 wire 10-55V PNP N.O.
DC 3 wire 10-55V PNP N.C.
DC 3 wire 5-36V NPN N.O.
DC 3 wire 5-36V PNP N.O.
DC 3 wire 5-36V PNP N.C.
DC 4 wire 5-36V Changeover PNP (N.O. & N.C.)
DC 4 wire 5-36V Changeover NPN (N.O. & N.C.)

Dimensions (unit: mm)
* : DC 2wire 10-60V specifications see page 178. Other is same.

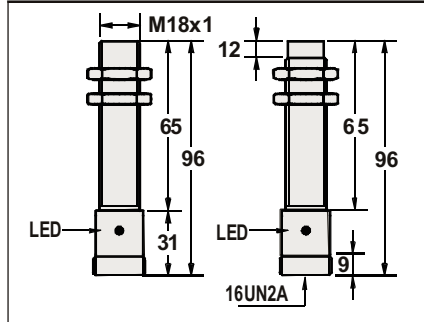
Cable 2M (PVC)
Weight

M 18
● ○
5 mm 8 mm
stainless steel or nickel plated brass
●



10-30VDC / 5-36VDC / 10-55VDC / 10-60VDC
<10%
<10mA
200mA
<0.01mA
<1.5V
1KHZ 500HZ
0.2ms/0.2ms 0.5ms/0.5ms
<15%(Sr)
<1.0%(Sr)
IP 67
-25 °C - +70 °C
<10%(Sr)
YES
220mA
PBT

P1C1B1805NOZA4	1	P1C2B1808NOZA4
P1C1B1805NCZA4	2	P1C2B1808NCZA4
P1C1B1805POZA4	3	P1C2B1808POZA4
P1C1B1805PCZA4	4	P1C2B1808PCZA4
P1C1B1805PSZA4	6	P1C2B1808PSZA4
P1C1B1805NSZA4	5	P1C2B1808NSZA4
P4C1B1805CZA4	7	P4C2B1808CZA4
P4C1B1805CCZA4	8	P4C2B1808CCZA4
P3C1B1805NOZA4	1	P3C2B1808NOZA4
P3C1B1805NCZA4	2	P3C2B1808NCZA4
P3C1B1805POZA4	3	P3C2B1808POZA4
P3C1B1805PCZA4	4	P3C2B1808PCZA4
P2C1B1805NOZA4	1	P2C2B1808NOZA4
P2C1B1805NCZA4	2	P2C2B1808NCZA4
P2C1B1805POZA4	3	P2C2B1808POZA4
P2C1B1805PCZA4	4	P2C2B1808PCZA4
P2C1B1805PSZA4	6	P2C2B1808PSZA4
P2C1B1805NSZA4	5	P2C2B1808NSZA4



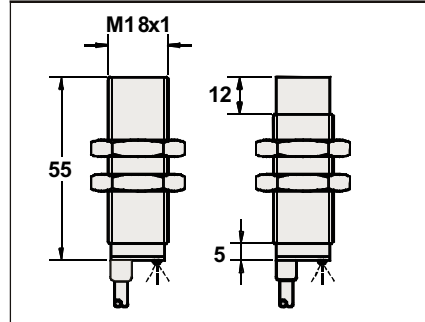
Approx.94g	Approx.91 g
------------	-------------

M18
● ○
8 mm 16 mm
stainless steel or nickel plated brass
●



10-30VDC / 5-36VDC / 10-55VDC / 10-60VDC
<10%
<10mA
200mA
<0.01mA
<2.0V
500HZ 150HZ
0.5ms/0.5ms 1ms/1ms
<15%(Sr)
<1.0%(Sr)
IP67
-25 °C - +70 °C
<10%(Sr)
YES
220mA
PBT

P1C1B1808NO3A2	1	P1C2B1816NO3A2
P1C1B1808NC3A2	2	P1C2B1816NC3A2
P1C1B1808PO3A2	3	P1C2B1816PO3A2
P1C1B1808PC3A2	4	P1C2B1816PC3A2
P1C1B1808PS4A2	6	P1C2B1816PS4A2
P1C1B1808NS4A2	5	P1C2B1816NS4A2
P4C1B1808CO2A2	7	P4C2B1816CC2A2
P4C1B1808CC2A2	8	P4C2B1816CC2A2
P3C1B1808NO3A2	1	P3C2B1816NO3A2
P3C1B1808NC3A2	2	P3C2B1816NC3A2
P3C1B1808PO3A2	3	P3C2B1816PO3A2
P3C1B1808PC3A2	4	P3C2B1816PC3A2
P2C1B1808NO3A2	1	P2C2B1816NO3A2
P2C1B1808NC3A2	2	P2C2B1816NC3A2
P2C1B1808PO3A2	3	P2C2B1816PO3A2
P2C1B1808PC3A2	4	P2C2B1816PC3A2
P2C1B1808PS4A2	6	P2C2B1816PS4A2
P2C1B1808NS4A2	5	P2C2B1816NS4A2



5.8φ 3x0.5 or 5.8φ 4x0.5	Approx.153 g	Approx.144 g
--------------------------	--------------	--------------

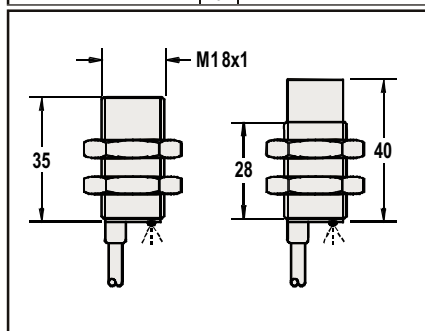
DC INDUCTIVE PROXIMITY SWITCH

M 18	
	
8 mm	16 mm
stainless steel or nickel plated brass	
	



10-30VDC / 5-36VDC / 10-55VDC / 10-60VDC	
<10%	
<10mA	
200mA	
<0.01mA	
<2.0V	
500HZ	150HZ
0.5ms/0.5ms	1ms/1ms
<15%(Sr)	
<1.0%(Sr)	
IP67	
-25 °C - +70 °C	
<10%(Sr)	
YES	
220mA	
PBT	

P1C1B1808NO3S2	1	P1C2B1816NO3S2
P1C1B1808NC3S2	2	P1C2B1816NC3S2
P1C1B1808PO3S2	3	P1C2B1816PO3S2
P1C1B1808PC3S2	4	P1C2B1816PC3S2
P1C1B1808PS4S2	5	P1C2B1816PS4S2
P1C1B1808NS4S2	6	P1C2B1816NS4S2
P4C1B1808CO2S2	7	P4C2B1816CO2S2
P4C1B1808CC2S2	8	P4C2B1816CC2S2
P3C1B1808NO3S2	1	P3C2B1816NO3S2
P3C1B1808NC3S2	2	P3C2B1816NC3S2
P3C1B1808PO3S2	3	P3C2B1816PO3S2
P2C1B1808PC3S2	4	P3C2B1816PC3S2
P2C1B1808NO3S2	1	P2C2B1816NO3S2
P2C1B1808NC3S2	2	P2C2B1816NC3S2
P2C1B1808PO3S2	3	P2C2B1816PO3S2
P2C1B1808PC3S2	4	P2C2B1816PC3S2
P2C1B1808PS4S2	6	P2C2B1816PS4S2
P2C1B1808NS4S2	5	P2C2B1816NS4S2



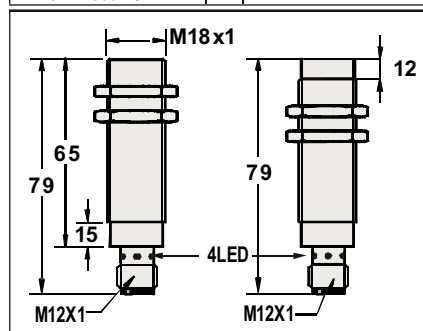
4φ 3x0.34 or 4φ 4x0.34	
Approx. 132 g	Approx. 134 g

M 18	
	
8 mm	16 mm
stainless steel or nickel plated brass	
	



10-30VDC / 5-36VDC / 10-55VDC / 10-60VDC	
<10%	
<10mA	
200mA	
<0.01mA	
<2.0V	
500HZ	150HZ
0.5ms/0.5ms	1ms/1ms
<15%(Sr)	
<1.0%(Sr)	
IP67	
-25 °C - +70 °C	
<10%(Sr)	
YES	
220mA	
PBT	

P1C1B1808NOEA4	1	P1C2B1816NOEA4
P1C1B1808NCEA4	2	P1C2B1816NCEA4
P1C1B1808POEA4	3	P1C2B1816POEA4
P1C1B1808PCEA4	4	P1C2B1816PCEA4
P1C1B1808PSEA4	6	P1C2B1816PSEA4
P1C1B1808NSEA4	5	P1C2B1816NSEA4
P4C1B1808COEA4	7	P4C2B1816COEA4
P4C1B1808CCEA4	8	P4C2B1816CCEA4
P3C1B1808NOEA4	1	P3C2B1816NOEA4
P3C1B1808NCEA4	2	P3C2B1816NCEA4
P3C1B1808POEA4	3	P3C2B1816POEA4
P3C1B1808PCEA4	4	P3C2B1816PCEA4
P2C1B1808NOEA4	1	P2C2B1816NOEA4
P2C1B1808NCEA4	2	P2C2B1816NCEA4
P2C1B1808POEA4	3	P2C2B1816POEA4
P2C1B1808PCEA4	4	P2C2B1816PCEA4
P2C1B1808PSEA4	6	P2C2B1816PSEA4
P2C1B1808NSEA4	5	P2C2B1816NSEA4



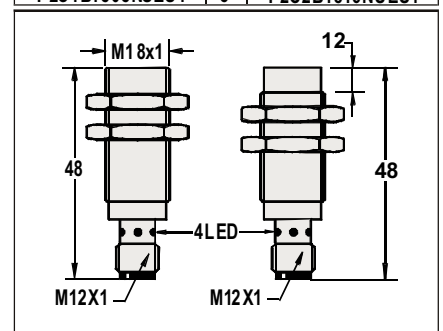
Approx. 94 g	
Approx. 91 g	

M 18	
	
8 mm	16 mm
stainless steel or nickel plated brass	
	



10-30VDC / 5-36VDC / 10-55VDC / 10-60VDC	
<10%	
<10mA	
200mA	
<0.01mA	
<2.0V	
500HZ	150HZ
0.5ms/0.5ms	1ms/1ms
<15%(Sr)	
<1.0%(Sr)	
IP67	
-25 °C - +70 °C	
<10%(Sr)	
YES	
220mA	
PBT	

P1C1B1808NOES4	1	P1C2B1816NOES4
P1C1B1808NCES4	2	P1C2B1816NCES4
P1C1B1808POES4	3	P1C2B1816POES4
P1C1B1808PCES4	4	P1C2B1816PCES4
P1C1B1808PSES4	6	P1C2B1816PSES4
P1C1B1808NSES4	5	P1C2B1816NSES4
P4C1B1808COES4	7	P4C2B1816COES4
P4C1B1808CCES4	8	P4C2B1816CCES4
P3C1B1808NOES4	1	P3C2B1816NOES4
P3C1B1808NCES4	2	P3C2B1816NCES4
P3C1B1808POES4	3	P3C2B1816POES4
P3C1B1808PCES4	4	P3C2B1816PCES4
P2C1B1808NOES4	1	P2C2B1816NOES4
P2C1B1808NCES4	2	P2C2B1816NCES4
P2C1B1808POES4	3	P2C2B1816POES4
P2C1B1808PCES4	4	P2C2B1816PCES4
P2C1B1808PSES4	6	P2C2B1816PSES4
P2C1B1808NSES4	5	P2C2B1816NSES4



Approx. 50 g	
--------------	--

DC INDUCTIVE PROXIMITY SWITCH

Diameter
☒ Shielded ☐ non-Shielded
Switching Distance, Sn: mm
Housing Material
☒ With LED ☐ Without LED

Picture

M 18	
	
8 mm	16 mm
stainless steel or nickel plated brass	
	



M18	
	
12 mm	20 mm
Nickel plated brass	
	



Operating Voltage
Ripple
No Load Current
Max. Load Current
Leakge Current
Voltage Drop
Switching Frequency
Response Time
Switching Hysteresis
Repeat Accuracy
Protection Category
Operating Temperature
Temperature Drift
Short Circuit Protection
Overload Trip Point
Material Active Face

10-30VDC / 5-36VDC/ 10-55VDC / 10-60VDC	
<10%	
<10mA	
200mA	
<0.01mA	
<2.0V	
500HZ	150HZ
0.5ms/0.5ms	1ms/1ms
<15% (Sr)	
<1.0% (Sr)	
IP67	
-25 °C - +70 °C	
<10% (Sr)	
YES	
220mA	
PBT	

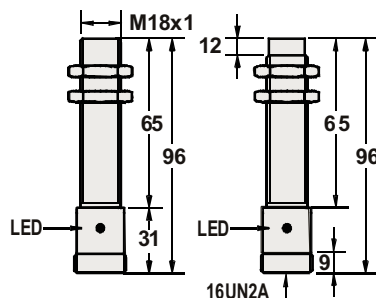
10-30VDC	
<10%	
<10mA	
200mA	
<0.01mA	
<2.0V	
300HZ	100HZ
0.5ms/0.5ms	1ms/1ms
<15% (Sr)	
<1.0 % (Sr)	
IP67	
-25 °C - +70 °C	
<10% (Sr)	
YES	
220mA	
PBT	

DC 3 wire 10-30V NPN N.O.
DC 3 wire 10-30V NPN N.C.
DC 3 wire 10-30V PNP N.O.
DC 3 wire 10-30V PNP N.C.
DC 4 wire 10-30V Changeover PNP (N.O. & N.C.)
DC 4 wire 10-30V Changeover NPN (N.O. & N.C.)
DC 2 wire 10-60V N.O. *
DC 2 wire 10-60V N.C. *
DC 3 wire 10-55v NPN N.O.
DC 3 wire 10-55v NPN N.C.
DC 3 wire 10-55v PNP N.O.
DC 3 wire 10-55v PNP N.C.
DC 3 wire 5-36V NPN N.O.
DC 3 wire 5-36V NPN N.C.
DC 3 wire 5-36V PNP N.O.
DC 3 wire 5-36V PNP N.C.
DC 4 wire 5-36V Changeover PNP (N.O. & N.C.)
DC 4 wire 5-36V Changeover NPN (N.O. & N.C.)

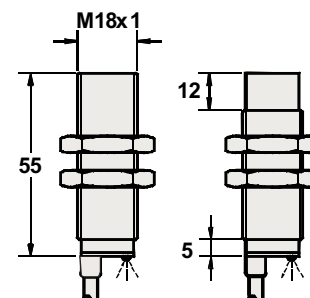
P1C1B18 08N OZ A4	1	P1C2B18 16N OZ A4
P1C1B18 08N CZ A4	2	P1C2B18 16N CZ A4
P1C1B18 08P OZ A4	3	P1C2B18 16P OZ A4
P1C1B18 08P CZ A4	4	P1C2B18 16P CZ A4
P1C1B18 08P SZ A4	6	P1C2B18 16P SZ A4
P1C1B18 08N SZ A4	5	P1C2B18 16N SZ A4
P4C1B18 08C OZ A4	7	P4C2B18 16C CZ A4
P4C1B18 08C CZ A4	8	P4C2B18 16C OZ A4
P3C1B18 08N OZ A4	1	P3C2B18 16N OZ A4
P3C1B18 08N CZ A4	2	P3C2B18 16N CZ A4
P3C1B18 08P OZ A4	3	P3C2B18 16P OZ A4
P3C1B18 08P CZ A4	4	P3C2B18 16P CZ A4
P2C1B18 08N OZ A4	1	P2C2B18 16N OZ A4
P2C1B18 08N CZ A4	2	P2C2B18 16N CZ A4
P2C1B18 08P OZ A4	3	P2C2B18 16P OZ A4
P2C1B18 08P CZ A4	4	P2C2B18 16P CZ A4
P2C1B18 08P SZ A4	6	P2C2B18 16P SZ A4
P2C1B18 08N SZ A4	5	P2C2B18 16N SZ A4

[illegible]

Dimensions (unit: mm)



* : DC 2wire 10-60V specifications
see page 178. Other is same.



Cable 2M (PVC)
Weight

Approx 94 g	Approx 91 g

5.8 ϕ 3x0.5	
Approx. 153 g	Approx. 144 g

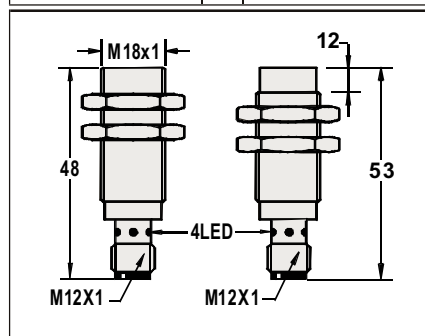
DC INDUCTIVE PROXIMITY SWITCH

M 18	
	
12 mm	20 mm
Nickel plated brass	
	



10-30VDC	
<10%	
<10mA	
200mA	
<0.01mA	
<2.0V	
300HZ	100HZ
0.5ms/0.5ms	1ms/1ms

<15%(Sr)
<1.0%(Sr)
IP67
-25 °C -+70°C
<10%(Sr)
YES
220mA
PBT

[illegible]

Approx.50 g

DC INDUCTIVE PROXIMITY SWITCH

Diameter
☒ Shielded ☐ non-Shielded
Switching Distance, Sn: mm
Housing Material
☒ With LED ☐ Without LED

Picture

M 18	
	
12 mm	20 mm
Nickel plated brass	
	



M 30	
	
10 mm	15 mm
stainless steel or nickel plated brass	
	



Operating Voltage
Ripple
No Load Current
Max. Load Current
Leakge Current
Voltage Drop
Switching Frequency
Response Time
Switching Hysteresis
Repeat Accuracy
Protection Category
Operating Temperature
Temperature Drift
Short Circuit Protection
Overload Trip Point
Material Active Face

10-30VDC	
<10%	
<10mA	
200mA	
<0.01mA	
<2.0V	
300HZ	100HZ
0.5ms/0.5ms	1ms/1ms
<15%(Sr)	
<1.0%(Sr)	
IP67	
-25 °C - +70 °C	
<10%(Sr)	
YES	
220mA	
PBT	

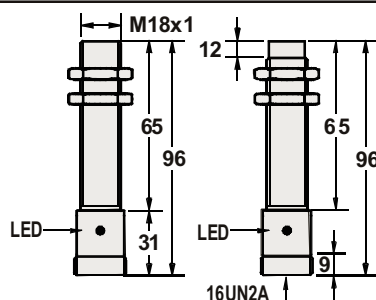
10-30VDC / 5-36VDC / 10-55VDC / 10-60VDC	
<10%	
<10mA	
200mA	
<0.01mA	
<1.5V	
300HZ	150HZ
0.5ms/0.5ms	1ms/1ms
<15% (Sr)	
<1.0% (Sr)	
IP67	
-25 °C - +70 °C	
<10% (Sr)	
YES	
220mA	
PBT	

DC 3 wire 10-30V NPN N.O.
DC 3 wire 10-30V NPN N.C.
DC 3 wire 10-30V PNP N.O.
DC 3 wire 10-30V PNP N.C.
DC 4 wire 10-30V Changeover PNP (N.O. & N.C.)
DC 4 wire 10-30V Changeover NPN (N.O. & N.C.)
DC 2 wire 10-60V N.O. *
DC 2 wire 10-60V N.C. *
DC 3 wire 10-55v NPN N.O.
DC 3 wire 10-55v NPN N.C.
DC 3 wire 10-55v PNP N.O.
DC 3 wire 10-55v PNP N.C.
DC 3 wire 5-36V NPN N.O.
DC 3 wire 5-36V NPN N.C.
DC 3 wire 5-36V PNP N.O.
DC 3 wire 5-36V PNP N.C.
DC 4 wire 5-36V Changeover PNP (N.O & N.C.)
DC 4 wire 5-36V Changeover NPN (N.O & N.C.)

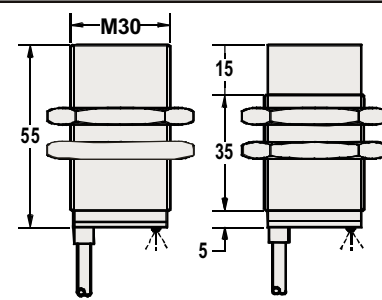
[illegible]

P1C1B3010N03A2	1	P1C2B3015N03A2
P1C1B3010NC3A2	2	P1C2B3015NC3A2
P1C1B3010P03A2	3	P1C2B3015P03A2
P1C1B3010PC3A2	4	P1C2B3015PC3A2
P1C1B3010PS4A2	6	P1C2B3015PS4A2
P1C1B3010NS4A2	5	P1C2B3015NS4A2
P4C1B3010C02A2	7	P4C2B3015C02A2
P4C1B3010CC2A2	8	P4C2B3015CC2A2
P3C1B3010N03A2	1	P3C2B3015N03A2
P3C1B3010NC3A2	2	P3C2B3015NC3A2
P3C1B3010P03A2	3	P3C2B3015P03A2
P3C1B3010PC3A2	4	P3C2B3015PC3A2
P2C1B3010N03A2	1	P2C2B3015N03A2
P2C1B3010N03A2	2	P2C2B3015NC3A2
P2C1B3010P03A2	3	P2C2B3015P03A2
P2C1B3010PC3A2	4	P2C2B3015PC3A2
P2C1B3010PS4A2	6	P2C2B3015PS4A2
P2C1B3010NS4A2	5	P2C2B3015NS4A2

Dimensions (unit: mm)



* : DC 2wire 10-60V specifications
see page 178. Other is same.



Cable 2M (PVC)
Weight

Approx 94 g	Approx 91 g
-------------	-------------

5.8 ϕ 3x0.5 or 5.8 ϕ 4x0.5	
Approx. 217 g	Approx. 207 g