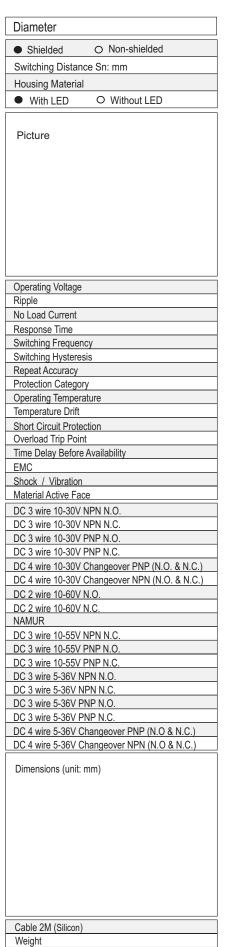
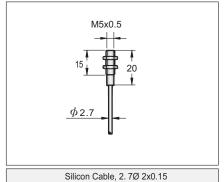
NAMUR HIGH TEMPERATURE INDUCTIVE PROXIMITY SENSORS



| E INDUCTIVE PRUXIMI | 1 1 OE |
|--|--------|
| | |
| | |
| M5 | |
| • | |
| 0.8 mm | |
| Stainless steel | |
| 0 | |
| | |
| | |
| | |
| | |
| 7 mag | |
| | |
| -47 | |
| | |
| P.S. | |
| Congression of the Congression o | |
| | Œ |
| | CE |
| 6-12VDC | |
| - | |
| >2.2mA(OFF) <1.1mA(ON) | |
| 2KHZ | |
| 0.05ms/0.05ms | |
| <15%(Sr) | |
| - | |
| IP67 | |
| -25°C - +110°C | |

| 6-12VDC |
|--|
| - |
| >2.2mA(OFF) <1.1mA(ON) |
| 2KHZ |
| 0.05ms/0.05ms |
| <15%(Sr) |
| - |
| IP67 |
| -25°C - +110°C |
| <2%(Sr) |
| - |
| - |
| <10ms |
| RFI>3V/m / EFT>1KV / ESD>4KV (contact) |
| IEC 60947-5-2,Part 7.4.1 /IEC 60947-5-2,Part 7.4.2 |
| PBT |
| |
| |
| |
| |
| |
| |
| |
| |
| P6C1S050.8NAT 17 |
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| |
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| |
| |
| |
| |
| |
| |
| ME _V O E |
| M5x0.5 |



| M8 | | |
|--|------|--|
| • | 0 | |
| 1 mm | 2 mm | |
| Stainless steel or Nickel plated brass | | |
| 0 | | |

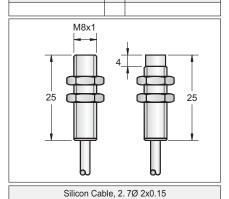


| 6-12VDC | | | |
|---|--------|-------------------|--|
| | - | | |
| >2.2mA(OF | F) <1 | .1mA(ON) | |
| 2KHZ 1KHZ | | | |
| 0.05ms/0.05ms | | 0.1ms/0.1ms | |
| <1 | 5%(5 | Sr) | |
| | - | | |
| | IP67 | | |
| -25° | C - +1 | 110°C | |
| < | 2%(S | r) | |
| | - | | |
| | - | | |
| < | :10ms | S | |
| RFI>3V/m / EFT>1k | (V / | ESD>4KV (contact) | |
| IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2 | | | |
| PBT | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

17

P6C2B0802NAT

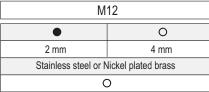
P6C1B0801NAT

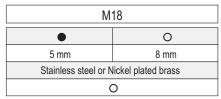


Approx.34 g

approx.25 g

NAMUR HIGH TEMPERATURE INDUCTIVE PROXIMITY SENSORS





| M30 | | |
|--|-------|--|
| • | 0 | |
| 10 mm | 15 mm | |
| Stainless steel or Nickel plated brass | | |
| 0 | | |





| CE CE | - e** |
|-------|-------|

| 6-12VDC | | | |
|---|------|-------------|--|
| - | | | |
| >2.2mA(OF | F) < | 1.1mA(ON) | |
| 0.05ms/0.05ms | | 0.1ms/0.1ms | |
| 2KHZ | | 1KHZ | |
| <1 | 5%(S | Sr) | |
| | - | | |
| | IP67 | | |
| -25°C - +110°C | | | |
| <2%(Sr) | | | |
| - | | | |
| - | | | |
| <10ms | | | |
| RFI>3V/m / EFT>1KV / ESD>4KV (contact) | | | |
| IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2 | | | |
| PBT | | | |
| | | | |
| | | | |
| | | | |

| 6-12VDC | | | | |
|---|------|-------------------|--|--|
| | - | | | |
| >2.2mA(OF | F) < | 1.1mA(ON) | | |
| 0.2ms/0.2ms | | 0.5ms/0.5ms | | |
| 1KHZ | | 500HZ | | |
| <1 | 5%(S | Br) | | |
| | - | | | |
| | IP67 | | | |
| -25 °C - +110 °C | | | | |
| <2%(Sr) | | | | |
| - | | | | |
| - | | | | |
| <10ms | | | | |
| RFI>3V/m / EFT>1 | (V / | ESD>4KV (contact) | | |
| IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2 | | | | |
| PBT | | | | |
| | | | | |
| | | | | |

17

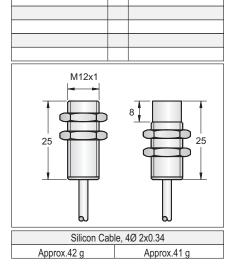
P6C2B1808NAT

P6C1B1805NAT

| 6-12VDC | | | |
|---|------|-------------|--|
| - | | | |
| >2.2mA(OFF) <1.1mA(ON) | | | |
| 0.1ms/0.1ms | | 0.5ms/0.5ms | |
| 1KHZ | | 500HZ | |
| <1 | 5%(S | Sr) | |
| | - | | |
| | IP67 | | |
| -25 °C - +110 °C | | | |
| <2%(Sr) | | | |
| - | | | |
| - | | | |
| <10ms | | | |
| RFI>3V/m / EFT>1KV / ESD>4KV (contact) | | | |
| IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2 | | | |
| PBT | | | |
| | | | |
| | | | |

17

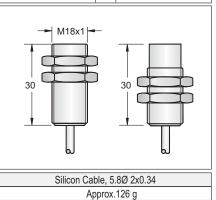
P6C2B3015NAT

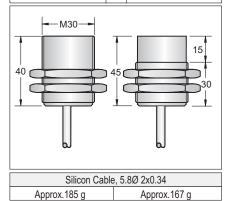


17

P6C2B1204NAT

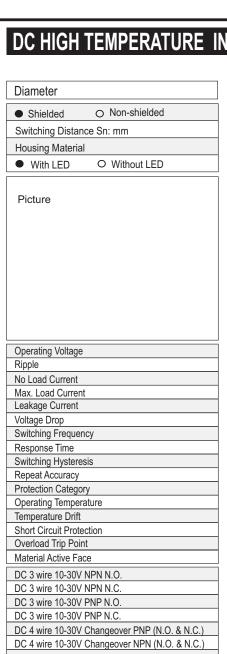
P6C1B1202NAT





P6C1B3010NAT

DC HIGH TEMPERATURE INDUCTIVE PROXIMITY SENSORS

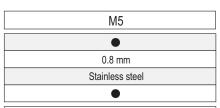


| No I | Load Current |
|------|--|
| Max | . Load Current |
| Lea | kage Current |
| Volt | age Drop |
| Swit | tching Frequency |
| | ponse Time |
| Swit | tching Hysteresis |
| Rep | eat Accuracy |
| Prot | tection Category |
| Ope | erating Temperature |
| Tem | perature Drift |
| | rt Circuit Protection |
| Ove | rload Trip Point |
| Mat | erial 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. |
| | 3 wire 5-36V NPN N.O. |
| DC | 3 wire 5-36V NPN N.C. |
| | 3 wire 5-36V PNP N.O. |
| | 3 wire 5-36V PNP N.C. |
| | 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 3-05. Other is same.

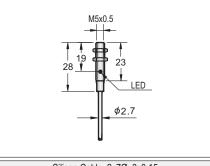
| Cable 2M | (Silicon) | | |
|----------|-----------|--|--|
| Weight | | | |





| 10-30VDC | |
|------------------|---|
| <10% | |
| <10mA | |
| 150mA | |
| <0.01mA | |
| <1.5V | |
| 2KHZ | |
| 0.1ms/0.1ms | |
| <15%(Sr) | |
| <1.0%(Sr) | |
| IP67 | |
| -25 °C - +110 °C | |
| <10%(Sr) | |
| YES | |
| 220mA | |
| PBT | |
| P1C1S050.8NO3A2T | 1 |
| P1C1S050.8NC3A2T | 2 |
| | |

| P1C1S050.8PO3A2T | 3 |
|------------------|---|
| P1C1S050.8PC3A2T | 4 |
| | |
| | |
| | |
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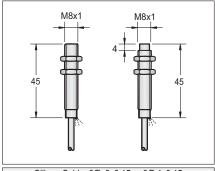
| Silicon Cable, 2. 7Ø | 3x0.15 |
|----------------------|--------|
| approx.25 g | |

| M8 | | |
|--|-----|--|
| • 0 | | |
| 1mm | 2mm | |
| Stainless steel or Nickel plated brass | | |
| • | | |



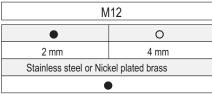
| 10-30VDC/10-60VDC | | |
|-------------------|--|--|
| <10% | | |
| <10mA | | |
| 150mA | | |
| <0.01mA | | |
| <1.5V | | |
| 2KHZ | | |
| 0.1ms/0.1ms | | |
| <15%(Sr) | | |
| <1.0%(Sr) | | |
| IP67 | | |
| -25 °C - +110 °C | | |
| <10%(Sr) | | |
| YES | | |
| 220mA | | |
| PBT | | |
| | | |

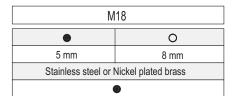
| P1C1S0801NO3A2T | 1 | P1C2S0802NO3A2T |
|-----------------|---|-----------------|
| P1C1S0801NC3A2T | 2 | P1C2S0802NC3A2T |
| P1C1S0801PO3A2T | 3 | P1C2S0802PO3A2T |
| P1C1S0801PC3A2T | 4 | P1C2S0802PC3A2T |
| P1C1S0801PS4A2T | 6 | P1C2S0802PS4A2T |
| P1C1S0801NS4A2T | 5 | P1C2S0802NS4A2T |
| P4C1S0801CO2A2T | 7 | P4C2S0802CO2A2T |
| P4C1S0801CC2A2T | 8 | P4C2S0802CC2A2T |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |



Silicon Cable, 3Ø 3x0.15 or 3Ø 4x0.15 Approx.40 g

DC HIGH TEMPERATURE INDUCTIVE PROXIMITY SENSORS





| M30 | | | |
|--|-------|--|--|
| • 0 | | | |
| 10 mm | 15 mm | | |
| Stainless steel or Nickel plated brass | | | |
| • | | | |





| A P | DE |
|-----|----|
| | C€ |

| 10-30VDC / 10-60VDC | | | |
|---------------------|-------------|--|--|
| <10% | | | |
| <10mA | | | |
| 150 |)mA | | |
| <0.0 | 1mA | | |
| <1 | .5V | | |
| 2KHZ | 1KHZ | | |
| 0.1ms/0.1ms | 0.2ms/0.2ms | | |
| <15%(Sr) | | | |
| <1.0%(Sr) | | | |
| IP67 | | | |
| -25°C - +110°C | | | |
| <10%(Sr) | | | |
| YES | | | |
| 220mA | | | |
| PBT | | | |
| | | | |

| 10-30VDC / 10-60VDC | | |
|---------------------|--------------|-----------------|
| <10% | | |
| <10mA | | |
| 1: | 50m <i>F</i> | 1 |
| <0.01mA | | |
| < | <1.5V | |
| 1KHZ | | 500HZ |
| 0.2ms/0.2ms | | 0.5ms/0.5ms |
| <15%(Sr) | | |
| <1.0%(Sr) | | |
| IP67 | | |
| -25°C - +110°C | | |
| <10%(Sr) | | |
| YES | | |
| 220mA | | |
| PBT | | |
| D4C4D490ENO2A2T | 4 | D4C2D4000NO2A2T |

| 10-30VDC / 10-60VDC | | |
|-----------------------------------|---------|--|
| <10% | | |
| <1 | 0mA | |
| 15 | i0mA | |
| <0. | 01mA | |
| < | 1.5V | |
| 300HZ | 150HZ | |
| 0.5ms/0.5ms | 1ms/1ms | |
| <15 | 5%(Sr) | |
| <1.0%(Sr) | | |
| IP67 | | |
| -25°C - +110°C | | |
| <10%(Sr) | | |
| YES | | |
| 220mA | | |
| PBT | | |
| P1C1B3010NO3A2T 1 P1C2B3015NO3A2T | | |

P1C1B3010NC3A2T 2

P1C1B3010PO3A2T 3

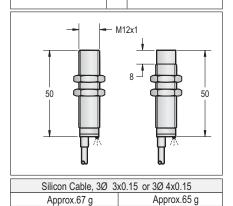
| PBT | | |
|-----|---------------------------------|--|
| 1 | P1C2B1204NO3A2T | |
| 2 | P1C2B1204NC3A2T | |
| 3 | P1C2B1204PO3A2T | |
| 4 | P1C2B1204PC3A2T | |
| 6 | P1C2B1204PS4A2T | |
| 5 | P1C2B1204NS4A2T | |
| 7 | P4C2B1204CO2A2T | |
| 8 | P4C2B1204CC2A2T | |
| | | |
| | | |
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| | | |
| | | |
| | 1 2 3 4 6 5 7 | |

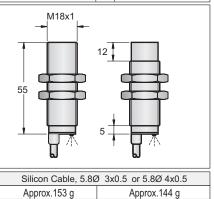
| PBT | | | |
|-----------------|---|-----------------|--|
| P1C1B1805NO3A2T | 1 | P1C2B1808NO3A2T | |
| P1C1B1805NC3A2T | 2 | P1C2B1808NC3A2T | |
| P1C1B1805PO3A2T | 3 | P1C2B1808PO3A2T | |
| P1C1B1805PC3A2T | 4 | P1C2B1808PC3A2T | |
| P1C1B1805PS4A2T | 6 | P1C2B1808PS4A2T | |
| P1C1B1805NS4A2T | 5 | P1C2B1808NS4A2T | |
| P4C1B1805CO2A2T | 7 | P4C2B1808CO2A2T | |
| P4C1B1805CC2A2T | 8 | P4C2B1808CC2A2T | |
| | | | |
| | | | |
| | | | |
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| | | | |
| | | | |
| M18x1 | | | |

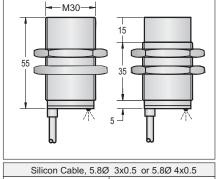
| 4 | P1C2B3015PC3A2T |
|---|-----------------|
| 6 | P1C2B3015PS4A2T |
| 5 | P1C2B3015NS4A2T |
| 7 | P4C2B3015CO2A2T |
| 8 | P4C2B3015CC2A2T |
| | |
| | |
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| | |
| | |
| | |
| | |
| | |
| | |
| | 6 5 7 |

P1C2B3015NC3A2T

P1C2B3015PO3A2T







| Silicon Cable, 5.80 | 3x0.5 or 5.8\(\triangle 4x0.5 |
|---------------------|-------------------------------|
| Approx.217 g | Approx.207 g |

DC HIGH TEMPERATURE 5 WAY ROTATABLE SENSING HEAD

| Diameter | | |
|----------------------------|----------------|--|
| Shielded | O Non-shielded | |
| Switching Distan | ce Sn: mm | |
| Housing Material | | |
| With LED | O Without LED | |
| | | |

| Q40s |
|-----------|
| • |
| 15 mm |
| PBT RESIN |
| • |

| Q40s |
|-----------|
| 0 |
| 30 mm |
| PBT RESIN |
| • |





| 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 NPN N.C. |

| 10-30VDC / 10-60VDC | |
|---------------------|----|
| <10% | |
| <10mA | |
| 150mA | |
| <0.01mA | |
| <1.5V | |
| 100HZ | |
| 1ms/1ms | |
| <15%(Sr) | |
| <1.0%(Sr) | |
| IP67 | |
| -25 °C - +110 °C | |
| <10%(Sr) | |
| YES | |
| 220mA | |
| PBT | |
| P1S1P4015NOES4T | 31 |
| P1S1P4015NCES4T | 32 |
| | |

P1S1P4015POES4T

P1S1P4015PCES4T

P1S1P4015PSES4T P1S1P4015NSES4T

P4S1P4015COES4T P4S1P4015CCES4T 33 34

36

35 37

38

| 10-30VDC / 10-60VDC | |
|---------------------|----|
| <10% | |
| <10mA | |
| 150mA | |
| <0.01mA | |
| <1.5V | |
| 100HZ | |
| 1ms/1ms | |
| <15%(Sr) | |
| <1.0%(Sr) | |
| IP67 | |
| -25°C - +110°C | |
| <10%(Sr) | |
| YES | |
| 220mA | |
| PBT | |
| P1S2P4030NOES4T | 31 |
| P1S2P4030NCES4T | 32 |
| P1S2P4030POES4T | 33 |
| P1S2P4030PCES4T | 34 |
| P1S2P4030PSES4T | 36 |
| P1S2P4030NSES4T | 35 |
| P4S2P4030COES4T | 37 |
| P4S2P4030CCES4T | 38 |
| | |

DC 3 Wire 5-36V NPN N.C.

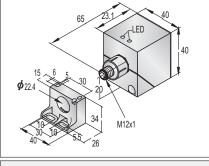
DC 3 Wire 5-36V PNP N.C.

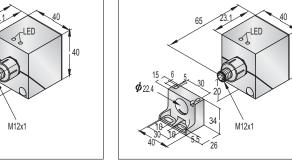
DC 3 Wire 5-36V PNP N.C.

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)





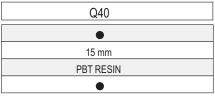
★ : DC 2wire 10-60V specifications see page 3-05. Other is same.

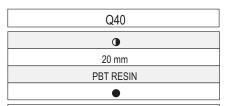
| Cable 2M (| Silicon) | | |
|------------|----------|--|--|
| Weiaht | | | |

Approx.170 g

Approx.170 g

DC HIGH TEMPERATURE 5 WAY ROTATABLE SENSING HEAD





| Q40 |
|-----------|
| 0 |
| 30 mm |
| PBT RESIN |
| • |





| 10-30VDC / 10-60VDC | |
|---------------------|---|
| <10% | |
| <10mA | |
| 150mA | |
| <0.01mA | |
| <1.5V | |
| 100HZ | |
| 1ms/1ms | |
| <15%(Sr) | |
| <1.0%(Sr) | |
| IP67 | |
| -25 °C - +110 °C | |
| <10%(Sr) | |
| YES | |
| 220mA | |
| PBT | |
| P1S1P4015NO3AT | 1 |
| P1S1P4015NC3AT | 2 |
| P1S1P4015PO3AT | 3 |
| P1S1P4015PC3AT 4 | |
| P1S1P4015PS4AT | 6 |
| P1S1P4015NS4AT | 5 |
| P4S1P4015CO2AT | 7 |
| F 40 IF 40 IJCOZAI | ' |

P4S1P4015CC2AT

8

| 10-30VDC / 10-60VDC | |
|---------------------|---|
| <10% | |
| <10mA | |
| 150mA | |
| <0.01mA | |
| <1.5V | |
| 100HZ | |
| 1ms/1ms | |
| <15%(Sr) | |
| <1.0%(Sr) | |
| | |
| -25°C - +110°C | |
| <10%(Sr) | |
| YES | |
| 220mA | |
| PBT | |
| P1S2P4020NO3AT | 1 |
| P1S2P4020NC3AT | 2 |
| P1S2P4020PO3AT | 3 |
| P1S2P4020PC3AT | 4 |
| | _ |

P1S2P4020PS4AT

P1S2P4020NS4AT P4S2P4020CO2AT

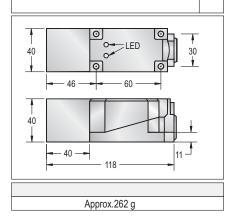
P4S2P4020CC2AT

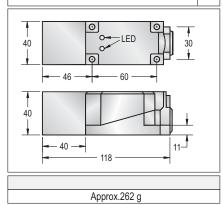
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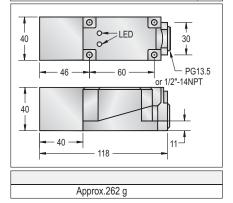
5 7

8

| 10-30VDC / 10-60VDC | |
|---------------------|---|
| <10% | |
| <10mA | |
| 150mA | |
| <0.01mA | |
| <1.5V | |
| 100HZ | |
| 1ms/1ms | |
| <15%(Sr) | |
| <1.0%(Sr) | |
| IP67 | |
| -25°C - +110°C | |
| <10%(Sr) | |
| YES | |
| 220mA | |
| PBT | |
| P1S2P4030NO3AT | 1 |
| P1S2P4030NC3AT | 2 |
| P1S2P4030PO3AT | 3 |
| P1S2P4030PC3AT | 4 |
| P1S2P4030PS4AT | 6 |
| P1S2P4030NS4AT | 5 |
| P4S2P4030CO2AT | 7 |
| P4S2P4030CC2AT | 8 |
| | |
| | |
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| | |
| | |







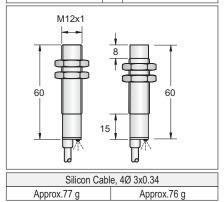
AC HIGH TEMPERATURE INDUCTIVE PROXIMITY SENSORS

| Shielded O Non-shielded Switching Distance Sn: mm Housing Material With LED O Without LED Picture Operating Voltage Io Load Current Max. Load Current Max. Load Current Surge Current Min. Load Current Oltage Drop Switching Frequency Response Time Switching Hysteresis Repeat Accuracy Protection Category Operating Temperature Femperature Drift Short Circuit Protection Material Active Face OC 3 wire 10-30V NPN N.C. OC 3 wire 10-30V NPN N.C. OC 3 wire 10-30V NPN N.C. OC 3 wire 10-30V Changeover NPN (N.O. & N.C.) OC 4 wire 10-30V Changeover NPN (N.O. & N.C.) OC 2 wire 10-60V N.C. OC 3 wire 10-55V NPN N.C. OC 3 wire 10-55V NPN N.C. OC 3 wire 10-55V NPN N.C. OC 3 wire 10-55V PNP N.C. OC 2 wire 20-250V N.C. OC/DC 2 wire 20-250V N.C. OC/D | Shielded | |
|--|-------------------|--------------------------------|
| Deparating Voltage No Load Current Max. Load Current Max. Load Current Min. Load Curr | Officiaca | Non-shielded |
| With LED | | e Sn: mm |
| Picture Operating Voltage Io Load Current Max. Load Current Max. Load Current Burge Current Min. Load Current Oltage Drop Switching Frequency Response Time Switching Hysteresis Repeat Accuracy Protection Category Operating Temperature emperature Drift Short Circuit Protection Material Active Face OC 3 wire 10-30V NPN N.O. OC 3 wire 10-30V NPN N.C. OC 3 wire 10-30V PNP N.C. OC 4 wire 10-30V Changeover PNP (N.O. & N.C.) OC 4 wire 10-30V Changeover NPN (N.O. & N.C.) OC 2 wire 10-60V N.C. OC 2 wire 10-65V NPN N.O. OC 3 wire 10-55V PNP N.O. OC 3 wire 10-55V NPN N.O. OC 3 wire 20-250V N.O. OC 2 wire 20-250V N.O. | | - Will and LED |
| Operating Voltage No Load Current Max. Load Current As. L | With LED | O Without LED |
| No Load Current Max. Load Current Leakage Current Min. Load Curren | Picture | |
| No Load Current Max. Load Current Leakage Current Min. Load Curren | | |
| No Load Current Max. Load Current Leakage Current Min. Load Curren | | |
| No Load Current Max. Load Current Leakage Current Min. Load Curren | | |
| No Load Current Max. Load Current Leakage Current Min. Load Curren | | |
| No Load Current Max. Load Current Leakage Current Min. Load Curren | | |
| No Load Current Max. Load Current Leakage Current Min. Load Curren | | |
| Max. Load Current eakage Current Surge Current Min. Load Current Voltage Drop Switching Frequency Response Time Switching Hysteresis Repeat Accuracy Protection Category Operating Temperature Temperature Drift Short Circuit Protection Material Active Face MC 3 wire 10-30V NPN N.O. MC 3 wire 10-30V NPN N.O. MC 3 wire 10-30V PNP N.O. MC 3 wire 10-30V PNP N.O. MC 3 wire 10-30V PNP N.O. MC 4 wire 10-30V Changeover PNP (N.O. & N.C.) MC 2 wire 10-60V N.O. MC 2 wire 10-60V N.O. MC 3 wire 10-55V NPN N.O. MC 3 wire 10-55V PNP N.O. MC 2 wire 20-250V N.O. MC/DC 2 wire 20-250V N.O. | | |
| Leakage Current Surge Current Alin. Load Current Brown City Company Alin Compan | | |
| Surge Current Alin. Load Current Bookitching Frequency Response Time Switching Hysteresis Repeat Accuracy Protection Category Departing Temperature Temperature Drift Short Circuit Protection Alinetrial Active Face DC 3 wire 10-30V NPN N.O. DC 3 wire 10-30V NPN N.O. DC 3 wire 10-30V PNP N.O. DC 3 wire 10-30V PNP N.O. 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.O. DC 3 wire 10-55V NPN N.O. DC 3 wire 10-55V PNP N.O. DC 3 wire 20-250V N.O. DC 2 wire 20-250V N.O. | | |
| Voltage Drop Switching Frequency Response Time Switching Hysteresis Repeat Accuracy Protection Category Departing Temperature Temperature Drift Short Circuit Protection Material Active Face DC 3 wire 10-30V NPN N.O. DC 3 wire 10-30V NPN N.O. DC 3 wire 10-30V PNP N.O. DC 3 wire 10-30V PNP N.O. DC 3 wire 10-30V PNP N.O. 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.O. DC 3 wire 10-55V NPN N.O. DC 3 wire 10-55V NPN N.O. DC 3 wire 10-55V PNP N.O. DC 3 wire 10-55V NPN N.O. DC 3 wire 20-250V N.O. DC 2 wire 20-250V N.O. | | |
| Switching Frequency Response Time Switching Hysteresis Repeat Accuracy Protection Category Departing Temperature Emperature Drift Short Circuit Protection Material Active Face DC 3 wire 10-30V NPN N.O. DC 3 wire 10-30V NPN N.O. DC 3 wire 10-30V PNP N.O. DC 3 wire 10-30V PNP N.O. DC 4 wire 10-30V PNP N.O. 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.O. DC 3 wire 10-55V NPN N.O. DC 3 wire 10-55V NPN N.O. DC 3 wire 10-55V PNP N.O. DC 3 wire 10-55V NPN N.O. DC 3 wire 20-250V N.O. DC 2 wire 20-250V N.O. | | |
| Response Time Switching Hysteresis Repeat Accuracy Protection Category Departing Temperature Remperature Drift Short Circuit Protection 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.O. DC 4 wire 10-30V PNP N.O. 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.O. DC 3 wire 10-55V NPN N.O. DC 3 wire 10-55V NPN N.O. DC 3 wire 10-55V PNP N.O. DC 3 wire 10-55V PNP N.O. DC 3 wire 10-55V PNP N.O. DC 3 wire 10-55V NPN N.O. DC 3 wire 10-55V NPN N.O. DC 3 wire 20-250V N.O. DC 2 wire 20-250V N.O. | | CV |
| Repeat Accuracy Protection Category Departing Temperature Remperature Drift Short Circuit Protection Material Active Face DC 3 wire 10-30V NPN N.O. DC 3 wire 10-30V NPN N.O. DC 3 wire 10-30V PNP N.O. DC 3 wire 10-30V PNP N.O. DC 4 wire 10-30V PNP N.O. 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.O. DC 3 wire 10-55V NPN N.O. DC 3 wire 10-55V NPN N.O. DC 3 wire 10-55V PNP N.O. DC 3 wire 20-250V N.O. DC 2 wire 20-250V N.O. | | 7 |
| Protection Category Departing Temperature Demperature Drift Short Circuit Protection Material Active Face DC 3 wire 10-30V NPN N.O. DC 3 wire 10-30V NPN N.O. DC 3 wire 10-30V PNP N.O. DC 3 wire 10-30V PNP N.O. DC 4 wire 10-30V PNP N.C. DC 4 wire 10-30V Changeover PNP (N.O. & N.C.) DC 2 wire 10-60V N.O. DC 2 wire 10-60V N.O. DC 2 wire 10-60V N.O. DC 3 wire 10-55V NPN N.O. DC 3 wire 10-55V NPN N.O. DC 3 wire 10-55V PNP N.O. DC 3 wire 20-250V N.O. DC 2 wire 20-250V N.O. | | is |
| Operating Temperature Temperature Drift Short Circuit Protection Material Active Face OC 3 wire 10-30V NPN N.O. OC 3 wire 10-30V NPN N.C. OC 3 wire 10-30V PNP N.O. OC 4 wire 10-30V PNP N.O. OC 4 wire 10-30V Changeover PNP (N.O. & N.C.) OC 2 wire 10-60V N.O. OC 2 wire 10-60V N.O. OC 3 wire 10-55V NPN N.O. OC 3 wire 10-55V NPN N.O. OC 3 wire 10-55V NPN N.O. OC 3 wire 10-55V PNP N.O. OC 3 wire 20-250V N.O. OC 2 wire 20-250V N.O. | | V |
| Short Circuit Protection Material Active Face OC 3 wire 10-30V NPN N.O. OC 3 wire 10-30V NPN N.C. OC 3 wire 10-30V PNP N.O. OC 3 wire 10-30V PNP N.O. OC 4 wire 10-30V PNP N.C. OC 4 wire 10-30V Changeover PNP (N.O. & N.C.) OC 2 wire 10-60V N.O. OC 2 wire 10-60V N.O. OC 3 wire 10-55V NPN N.O. OC 3 wire 10-55V NPN N.O. OC 3 wire 10-55V PNP N.O. OC 3 wire 10-55V PNP N.O. OC 3 wire 10-55V PNP N.O. OC 3 wire 20-250V N.O. OC 2 wire 20-250V N.O. | | |
| Material Active Face OC 3 wire 10-30V NPN N.O. OC 3 wire 10-30V NPN N.C. OC 3 wire 10-30V PNP N.O. OC 3 wire 10-30V PNP N.O. OC 4 wire 10-30V PNP N.C. OC 4 wire 10-30V Changeover PNP (N.O. & N.C.) OC 2 wire 10-60V N.O. OC 2 wire 10-60V N.O. OC 3 wire 10-55V NPN N.O. OC 3 wire 10-55V NPN N.O. OC 3 wire 10-55V PNP N.O. OC 3 wire 20-250V N.O. OC 2 wire 20-250V N.O. | | |
| 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.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.O. DC 3 wire 10-55V NPN N.O. DC 3 wire 10-55V NPN N.O. DC 3 wire 10-55V PNP N.O. DC 3 wire 10-55V PNP N.O. DC 3 wire 20-250V N.O. CC 2 wire 20-250V N.O. | | |
| OC 3 wire 10-30V NPN N.C. OC 3 wire 10-30V PNP N.O. OC 3 wire 10-30V PNP N.C. OC 4 wire 10-30V Changeover PNP (N.O. & N.C.) OC 4 wire 10-30V Changeover NPN (N.O. & N.C.) OC 2 wire 10-60V N.O. OC 2 wire 10-60V N.C. OC 3 wire 10-55V NPN N.O. OC 3 wire 10-55V NPN N.C. OC 3 wire 10-55V PNP N.O. OC 3 wire 10-55V PNP N.O. OC 3 wire 10-55V PNP N.O. OC 3 wire 20-250V N.O. OC 2 wire 20-250V N.O. | | |
| OC 3 wire 10-30V PNP N.C. OC 4 wire 10-30V Changeover PNP (N.O. & N.C.) OC 4 wire 10-30V Changeover NPN (N.O. & N.C.) OC 2 wire 10-60V N.O. OC 2 wire 10-60V N.C. OC 3 wire 10-55V NPN N.O. OC 3 wire 10-55V NPN N.C. OC 3 wire 10-55V PNP N.O. OC 3 wire 10-55V PNP N.O. OC 3 wire 10-55V PNP N.O. OC 3 wire 20-250V N.O. OC 2 wire 20-250V N.O. | C 3 wire 10-30V N | NPN N.C. |
| OC 4 wire 10-30V Changeover PNP (N.O. & N.C.) OC 4 wire 10-30V Changeover NPN (N.O. & N.C.) OC 2 wire 10-60V N.O. OC 2 wire 10-60V N.C. OC 3 wire 10-55V NPN N.O. OC 3 wire 10-55V NPN N.C. OC 3 wire 10-55V PNP N.O. OC 3 wire 10-55V PNP N.O. OC 3 wire 10-55V PNP N.O. OC 3 wire 20-250V N.O. OC 2 wire 20-250V N.O. | | |
| OC 4 wire 10-30V Changeover NPN (N.O. & N.C.) OC 2 wire 10-60V N.O. OC 2 wire 10-60V N.C. OC 3 wire 10-55V NPN N.O. OC 3 wire 10-55V NPN N.C. OC 3 wire 10-55V PNP N.O. OC 3 wire 10-55V PNP N.O. OC 3 wire 10-55V PNP N.O. OC 3 wire 10-55V PNP N.C. OC 2 wire 20-250V N.O. | | |
| OC 2 wire 10-60V N.C. OC 3 wire 10-55V NPN N.O. OC 3 wire 10-55V NPN N.C. OC 3 wire 10-55V PNP N.O. OC 3 wire 10-55V PNP N.O. OC 3 wire 10-55V PNP N.C. OC 2 wire 20-250V N.O. OC 2 wire 20-250V N.C. OC 2 wire 20-250V N.O. or N.C. Changeable OC/DC 2 wire 20-250V N.O. OC 2 wire 20-250V N.O. | | |
| OC 3 wire 10-55V NPN N.O. OC 3 wire 10-55V NPN N.C. OC 3 wire 10-55V PNP N.O. OC 3 wire 10-55V PNP N.C. OC 3 wire 20-250V N.O. OC 2 wire 20-250V N.C. OC 2 wire 20-250V N.O. or N.C. Changeable OC/DC 2 wire 20-250V N.O. OC 2 wire 20-250V N.O. | | |
| OC 3 wire 10-55V NPN N.C. OC 3 wire 10-55V PNP N.O. OC 3 wire 10-55V PNP N.C. OC 2 wire 20-250V N.O. OC 2 wire 20-250V N.C. OC 2 wire 20-250V N.O. or N.C. Changeable OC/DC 2 wire 20-250V N.O. OC 2 wire 20-250V N.O. | | |
| C 3 wire 10-55V PNP N.C. C 2 wire 20-250V N.O. C 2 wire 20-250V N.C. C 2 wire 20-250V N.O. or N.C. Changeable C/DC 2 wire 20-250V N.O. C/DC 2 wire 20-250V N.O. | C 3 wire 10-55V N | NPN N.C. |
| AC 2 wire 20-250V N.O. AC 2 wire 20-250V N.C. AC 2 wire 20-250V N.O. or N.C. Changeable AC/DC 2 wire 20-250V N.O. AC/DC 2 wire 20-250V N.O. | | |
| AC 2 wire 20-250V N.C. AC 2 wire 20-250V N.O. or N.C. Changeable AC/DC 2 wire 20-250V N.O. AC/DC 2 wire 20-250V N.C. | | |
| AC/DC 2 wire 20-250V N.O. AC/DC 2 wire 20-250V N.C. | | |
| AC/DC 2 wire 20-250V N.C. | C 2 wire 20-250V | N.O. or N.C. Changeable |
| | | |
| | | |
| | | nm) |

| M12 | | |
|--|------|--|
| • | 0 | |
| 2 mm | 4 mm | |
| Stainless steel or Nickel plated brass | | |
| • | | |



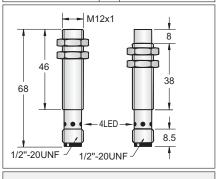
| 20- | 250V | AC |
|-----------------|-------|-----------------|
| < | 1.8m/ | A |
| 4 | 00m/ | 4 |
| < | 1.8m/ | A |
| 5 <i>A</i> | (20m | s) |
| | 5mA | |
| <8VAC | AT 4 | 00mA |
| < | <25HZ | 7 |
| 10r | ns/10 | ms |
| <1 | 15%(S | Sr) |
| | .0%(5 | Sr) |
| | IP67 | |
| | | 110°C |
| <1 | 10%(S | Sr) |
| | NO | |
| | PBT | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | _ |
| | | |
| | | |
| P7C1B1202AO3B2T | 15 | P7C2B1204AO3B2T |
| P7C1B1202AC3B2T | 16 | P7C2B1204AC3B2T |
| | | |
| | | |
| | | |
| | | |



| M12 | |
|--|------|
| • | 0 |
| 2 mm | 4 mm |
| Stainless steel or Nickel plated brass | |
| • | |



| 20- | 250V | AC |
|-----------------|-------|----------------------|
| < | 1.8m/ | 4 |
| 4 | 00m/ | 4 |
| < | 1.8m/ | A |
| 5 <i>A</i> | (20m | s) |
| | 5mA | |
| <8VAC | AT 4 | 00mA |
| | <25HZ | 7 |
| 10r | ns/10 | ms |
| <1 | 15%(S | Sr) |
| <1 | .0%(5 | Sr) |
| | IP67 | |
| | | 110°C |
| <1 | 10%(S | Sr) |
| | NO | |
| POM PBT | | |
| POM | | PBT |
| РОМ | | PBT |
| РОМ | | PBT |
| POM | | PBT |
| P7C1B1202AOMB3T | 51 | PBT P7C2B1204AOMB3T |
| | 51 51 | |



Approx.14 g

AC HIGH TEMPERATURE INDUCTIVE PROXIMITY SENSORS



| M18 | |
|--|------|
| • | 0 |
| 5 mm | 8 mm |
| Stainless steel or Nickel plated brass | |
| • | |

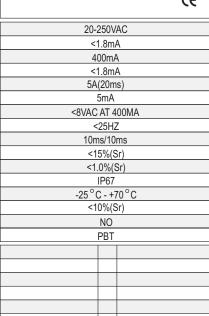
| M | 30 | |
|------------------------|--|--|
| • | 0 | |
| 10 mm | 15 mm | |
| Stainless steel or Nic | Stainless steel or Nickel plated brass | |
| | | |



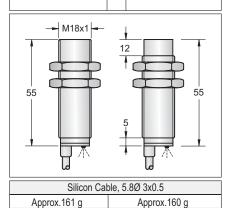


| C€ |
|----|

| 20-250VAC | | |
|-----------------|-------|--|
| <1.8mA | | |
| 400m | A | |
| <1.8m | A | |
| 5A(20m | ns) | |
| 5mA | | |
| <8VAC AT 4 | 400MA | |
| <25H | Z | |
| 10ms/10 | lms | |
| <15%(\$ | Sr) | |
| <1.0%(Sr) | | |
| IP67 | | |
| -25 °C - +110°C | | |
| <10%(Sr) | | |
| NO | | |
| PBT | | |
| | | |
| | | |
| | | |
| | | |
| | | |



| 20-250VAC |
|-----------------|
| <1.8mA |
| 400mA |
| <1.8mA |
| 5A(20ms) |
| 5mA |
| <8VAC at 400MA |
| <25HZ |
| 10ms/10ms |
| <15%(Sr) |
| <1.0%(Sr) |
| IP67 |
| -25 °C - +110°C |
| <10%(Sr) |
| NO |
| PBT |
| |
| |
| |
| |
| |
| |
| |

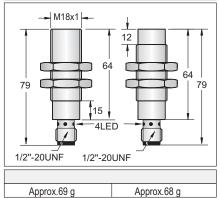


P7C2B1808AO3B2T

P7C2B1808AC3B2T

P7C1B1805AO3B2T | 15

P7C1B1805AC3B2T 16

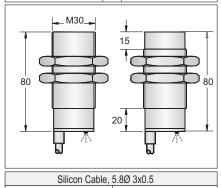


P7C2B1808AOMB3T

P7C2B1808ACMB3T

P7C1B1805AOMB3T 51

P7C1B1805ACMB3T 51



P7C2B3015AO3B2T

P7C2B3015AC3B2T

P7C1B3010AO3B2T 15

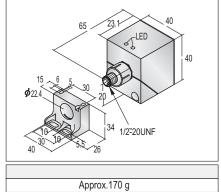
P7C1B3010AC3B2T 16

AC HIGH TEMPERATURE 5 WAY ROTATABLE SENSING HEAD

| | O Non-shielded |
|--|------------------------------|
| Shielded | |
| Switching Distance | e Sn: mm |
| Housing Material With LED | O Without LED |
| VVIIII LLD | O Williout LLD |
| Picture | |
| . 10101.0 | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| Operating Voltage | |
| No Load Current Max. Load Current | |
| eakage Current | |
| Surge Current | |
| Min. Load Current | |
| Voltage Drop Switching Frequence | 21/ |
| Response Time | <i>y</i> |
| Switching Hysteres | is |
| Repeat Accuracy | |
| Protection Category Operating Tempera | |
| Speraling Tempera | ture |
| Short Circuit Protect | ction |
| Material Active Fac | e |
| OC 3 wire 10-30V N | |
| DC 3 wire 10-30V f | |
| DC 3 wire 10-30V F | |
| | Changeover PNP (N.O. & N.C.) |
| | Changeover NPN (N.O. & N.C.) |
| DC 2 wire 10-60V N | |
| DC 2 wire 10-60V NDC 3 wire 10-55V N | |
| DC 3 wire 10-55V N | |
| DC 3 wire 10-55V F | |
| OC 3 wire 10-55V F | |
| AC 2 wire 20-250V AC 2 wire 20-250V | |
| | N.O. or N.C. Changeable |
| AC/DC 2 wire 20-2 | 50V N.O. |
| AC/DC 2 wire 20-2 | |
| 0/000 . 000 | 50V N.O. or N.C. Changeable |

| IAI NOIAIADEE SENSING I |
|-------------------------|
| Q40s |
| 0 |
| 30 mm |
| PBT RESIN |
| • |
| |

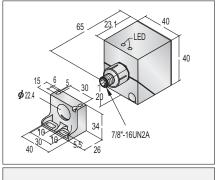
| 20-250VAC | |
|------------------|----|
| <2.5mA | |
| 400mA | |
| 2.5mA | |
| 5A(20ms) | |
| 5mA | |
| <8VAC AT 400MA | |
| <25HZ | |
| 10ms/10ms | |
| <15%(Sr) | |
| <1.0%(Sr) | |
| IP67 | |
| -25 °C - +110 °C | |
| <10%(Sr) | |
| - | |
| PBT | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| P7S2P4030AOMS3T | 52 |
| P7S2P4030ACMS3T | 52 |
| | |
| | |
| | |
| | |
| | |



| Q40s |
|-----------|
| • |
| 15 mm |
| PBT RESIN |
| • |

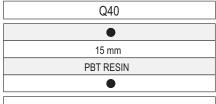


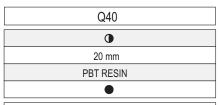
| 20-250VAC | |
|------------------|----|
| <2.5mA | |
| 400mA | |
| 2.5mA | |
| 5A(20ms) | |
| 5mA | |
| <8VAC AT 400MA | |
| <25HZ | |
| 10ms/10ms | |
| <15%(Sr) | |
| <1.0%(Sr) | |
| IP67 | |
| -25 °C - +110 °C | |
| <10%(Sr) | |
| - | |
| PBT | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| P7S1P4015AOZS2T | 56 |
| P7S1P4015ACZS2T | 56 |
| P7S1P4015AAZS4T | 42 |
| | |



Approx.170 g

AC HIGH TEMPERATURE 5 WAY ROTATABLE SENSING HEAD





| Q40 |
|-----------|
| |
| 0 |
| 30 mm |
| PBT RESIN |
| • |





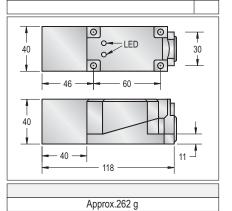
|--|

| 20-250VAC | |
|-----------------|--|
| <2.5mA | |
| 400mA | |
| 2.5mA | |
| 5A(20ms) | |
| 5mA | |
| <8VAC AT 400MA | |
| <25HZ | |
| 10ms/10ms | |
| <15%(Sr) | |
| <1.0%(Sr) | |
| IP67 | |
| -25 °C - +110°C | |
| <10%(Sr) | |
| - | |
| PBT | |
| | |
| | |

| 20-250VAC | |
|-----------------|--|
| <2.5mA | |
| 400mA | |
| 2.5mA | |
| 5A(20ms) | |
| 5mA | |
| <8VAC AT 400MA | |
| <25HZ | |
| 10ms/10ms | |
| <15%(Sr) | |
| <1.0%(Sr) | |
| IP67 | |
| -25 °C - +110°C | |
| <10%(Sr) | |
| - | |
| PBT | |
| | |
| | |

| 20-250VAC | |
|-----------------|--|
| <2.5mA | |
| 400mA | |
| 2.5mA | |
| 5A(20ms) | |
| 5mA | |
| <8VAC AT 400MA | |
| <25HZ | |
| 10ms/10ms | |
| <15%(Sr) | |
| <1.0%(Sr) | |
| IP67 | |
| -25 °C - +110°C | |
| <10%(Sr) | |
| | |
| PBT | |
| | |
| | |
| | |
| | |
| | |

| P7S1P4015AO2BT | 9 |
|----------------|----|
| P751P4013AUZB1 | 9 |
| P7S1P4015AC2BT | 10 |
| P7S1P4015AA4BT | 21 |
| FISIFHUIJMAHDI | 21 |
| | |
| | |
| | |
| | |



P7S2P4020AO2BT

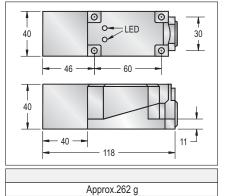
P7S2P4020AC2BT

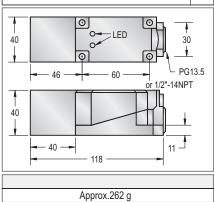
P7S2P4020AA4BT

9

10

21





P7S2P4030AO2BT

P7S2P4030AC2BT

P7S2P4030AA4BT

9

10

21