Switch to Generation 3000

NEW Electronic Level

One Series for
- Pressure
- Temperature
- Level

Barksdale

For more information visit www.generation3000.com/USA/
Quality by design

Generation 3000
BPS3000 / BTS3000 / BLS3000

Wide range of performance
Simple configuration allows customers to standardize on one series of switch for multiple functions. The BPS3000 operates from vacuum to 9000 psi, while the BTS3000 is designed for -22° F to 284° F. The BLS3000 offers various process connections and sensor lengths from 9.8 to 39.4 inches. Generation 3000 units are compatible with hydraulic fluid, varied chemicals, water, and gas media.

Compact and modern design
The new compact BPS3000 electronic pressure switch, BTS3000 electronic temperature switch, and the BLS3000 electronic level switch enable simple installation in confined spaces. The angled top displays of these units are aesthetically pleasing and functional, and their simple setup logic is a true functional benefit.

Rotatable 320° display and electrical connection
The rotatable 320° display and electrical connection on the Generation 3000 units makes the mounting and installation very versatile, accommodating a multitude of applications.

Flexible display
The 4-digit 14-segment LED display ensures perfect readability independent of the positioning: even when mounting upside down the indication can be viewed correctly as the software allows inversion of the display.

Flexible by design
Designed to meet your application needs

Switch to Barksdale
High protection with Nema 6, IP67 and EMI resistance
Harsh environmental circumstances with dust or water being present are not a problem for the new Generation 3000 units. The sophisticated housing and sealed keypad provides simple programming and operation.

The high EMI protection of these units allows for installation where high power equipment or where walkie-talkies are in use, like in the steel and power industries.

Performance
With 0.5% accuracy and 0.1% repeatability across both pressure and temperature ranges and 1/5” (5 mm) resolution on the level switch, the new Generation 3000 units will meet most challenging application demands. The dual switch option with 0-10 VDC or 4-20 mA analog outputs will enable precise measurement and sensing every time.

Easy operation
Our simple menu allows for easy navigation through the programming options, ascending and descending through the standardized menu with easy response push-buttons. The tamper proof settings can also help to prevent operational mistakes.

The new Generation 3000 Series combines all features of a modern electronic pressure / temperature switch / level switch, with its flexibility, operational convenience, analog feedback and compact elegant design.
BLS3000
Direct Measurement

Various applications
The new BLS3000 is part of the Barksdale Generation 3000 family. Due to its wide range of process connections and UL approval, the level switch can be used in various applications for level measurement like industrial cooling and lubrication systems, test benches, and high performance power packs.

Compact and robust design
With a float smaller than our competition and a panel height of 4.5 inches and diameter of 1.6 inches, the required space of a BLS3000 is compact. This makes the BLS3000 suitable for installation in tight and compact spaces.

Accurate level measurement
Integrated reed relays enable continuous level measurement and customized set point adjustment ensures accurate feedback for level measurement. Unlike capacitance technology, our float design is not at risk of false measurement with changes in viscosity or contaminants in the media due to environmental conditions.
Wide range of media compatibility

The BLS3000 is suitable for a wide range of media such as water, coolants, hydraulic oil, media with dirty contaminants, and fluids with foam, where capacitance, guided wave, and ultrasonic technology may fall short.

Reduced-sticking float technology

Compared to other level float products, our float design reduces the float from sticking on the stem caused by sticky media or adhesion.

3-Products in 1-compact package

The BLS3000 is three devices: level gauge, level switch, and level transmitter packaged into one, eliminating the need for multiple instruments. This provides the flexibility of 0-10 VDC or 4-20 mA output options with up to two switch points.

Technical data

- Measuring element: Reed switch
- Total length (L0) = max. 39.4” (1000 mm)
- Measuring length (LM) = max. 36.6” (930 mm)
- Process connections:
  - 1/2” NPT, 3/4” NPT, 1” NPT, & 1-1/4” NPT
  - SAE 10 & SAE 12
  - G1/2”, G3/4”, G1”, & M20x1.5
- Enclosure rating: IP65/IP67
- cULus approved
Electronic Dual Pressure Switch

BPS3000

Features
- Measuring range: gauge: 0 - 9000 psig, absolute: 0 - 150 psia
- Enclosure Rating: Type 4X (IP65) / Type 6 (IP67)
- One or two switch points
- 0.50% accuracy
- Analog output 4 - 20 mA or 0 - 10 V
- Superior EMI protection
- Display & electronic connection: rotatable by 320°
- Simple navigation menu
- Suitable for rapid cycling applications
- Hydraulic and pneumatic compatible

Applications
- Machine tool industry
- Factory Automation
- Injection molding machines
- Lubrication monitoring
- Pumps and compressors

General Specifications**

<table>
<thead>
<tr>
<th>Sensor element:</th>
<th>Ceramic sensor (standard)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Optional: piezoresistive sensor</td>
</tr>
<tr>
<td></td>
<td>(For proper sensor selection see product configurator for more details.)</td>
</tr>
<tr>
<td>Materials:</td>
<td>304 Stainless steel; pressure ranges ≥ 0-150 psi feature a .2 mm Ø removable brass orifice)</td>
</tr>
<tr>
<td>Wetted parts:</td>
<td>304 Stainless steel/polycarbonate/elastomer/polyamide</td>
</tr>
<tr>
<td>Enclosure:</td>
<td>FKM fluoroelastomer (standard)</td>
</tr>
<tr>
<td>Seals:</td>
<td>EPDM (optional)</td>
</tr>
<tr>
<td>Operating elements:</td>
<td>3 easy-response push-buttons</td>
</tr>
<tr>
<td>Enclosure rating:</td>
<td>Type 4X (IP65) / Type 6 (IP67)</td>
</tr>
<tr>
<td>Protection class:</td>
<td>III</td>
</tr>
<tr>
<td>Electrical connection:</td>
<td>Plug M12 x 1, 4-pin / 5-pin</td>
</tr>
<tr>
<td>Process connection:</td>
<td>1/4” NPT, 1/2” NPT flush diaphragm, 7/16-20 (SAE), 7/16-20 (JIC 37°), G1/4” M, G1/2” flush diaphragm (only piezoresistive)</td>
</tr>
<tr>
<td>Dimensions:</td>
<td>1.6 Ø x 4.4 inches (without plug connector)</td>
</tr>
<tr>
<td>Weight:</td>
<td>Approx. 0.4 lb (200 g)</td>
</tr>
<tr>
<td>Proof pressure:</td>
<td>1.5X rated pressure</td>
</tr>
<tr>
<td>A/D-Converter:</td>
<td>Resolution: 12 bit (4,096 steps per measure span)</td>
</tr>
<tr>
<td></td>
<td>Scanning rate: 1000/s</td>
</tr>
<tr>
<td>Linearity error:</td>
<td>&lt; ±0.5 % f. s. at +25 °C</td>
</tr>
<tr>
<td>Temperature influence:</td>
<td>TC zero &lt; ±0.2 % FSO / 10K</td>
</tr>
<tr>
<td></td>
<td>TC span &lt; ±0.3 % FSO / 10K</td>
</tr>
<tr>
<td>Compensation range:</td>
<td>14°F to 158°F (-10°C to +70°C)</td>
</tr>
<tr>
<td>Repeatability:</td>
<td>±0.1% f. s.</td>
</tr>
<tr>
<td>Temperature range:</td>
<td>Media: -13°F to 212°F (-25°C to +100°C)</td>
</tr>
<tr>
<td></td>
<td>Electronics¹: 14°F to 158°F (-10°C to +70°C)</td>
</tr>
<tr>
<td></td>
<td>Storage: -22°F to 176°F (-30°C to +80°C)</td>
</tr>
<tr>
<td>Power supply¹:</td>
<td>15 to 32 V DC, reversed polarity protected (SELV, PELV), Class 2</td>
</tr>
</tbody>
</table>

Power consumption: Approx. .5 mA (without load)

Digital display: 4-digit 14-segment LED red display, digit height .35 inches (9 mm) 20/s

Error display: LED RED and alphanumeric display

Analog output:
- Current output: 4-20 mA
- Scanning rate: 2 ms
- Voltage output: 0 to 10 V DC
- Max. 10 mA
- Adjustment range: 25% to 100% f. s.

Transistor switching outputs:
- Switching function: Normally open / normally closed, standard / window mode and diagnosis function adjustable
- Switching output: PNP
- Adjustment range for switching point and hysteresis: 0% to 125% f. s.
- Switching frequency: Max. 100 Hz
- Load: Max. 500 mA, short-circuit-proof
- Delay: 0.0 s to 9.9 s adjustable
- Status display(s): LED(s) red

Approvals¹:
- cULus¹
- EMI
  - EN 61000-4-2 ESD 4 kV CD / 8 kV AD
  - EN 61000-4-3 HF radiated 10 V/m
  - EN 61000-4-4 Burst 2 kV
  - EN 61000-4-5-Surge 1/2 kV
  - EN 61000-4-6 HF conducted 10 V
- Shock resistance
  - EN 61000-4-6 HF conducted 10 V
- Vibration resistance
  - DIN EN 60028-2-27 50 g (11 ms)
  - DIN EN 60028-2-26 20 g (10 to 2000 Hz)

** See product configurator for additional options.
¹ Condition of use with cULus: 140°F max. ambient; power supply: max. 28 V DC
Technical Drawings

Process Connections "A" | Dimension "B"
--- | ---
1/4" NPT | .66" [16.9 mm]
1/2" NPT flush diaphragm seal | .83" [21 mm]
7/16-20 UNF (SAE 4) | .36" [9.1 mm]
7/16-20 UNF (JIC 37°) | .55" [14 mm]
G 1/4" | .47" [12 mm]
G 1/2" | .55" [14 mm]

Electrical Connection Chart

<table>
<thead>
<tr>
<th>M12 Pin Call-Out</th>
<th>Models with 2 switching output</th>
<th>Models with 1 switching output and 1 analog output</th>
<th>Models with 2 switching output and 1 analog output</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pin 1</td>
<td>Brown</td>
<td>15 to 32 VDC</td>
<td>15 to 32 VDC</td>
</tr>
<tr>
<td>Pin 2</td>
<td>White</td>
<td>Analog Output (500 mA/100 Hz)</td>
<td>Analog Output (500 mA/100 Hz)</td>
</tr>
<tr>
<td>Pin 3</td>
<td>Blue</td>
<td>0 V</td>
<td>0 V</td>
</tr>
<tr>
<td>Pin 4</td>
<td>Black</td>
<td>SP1 (500 mA/100 Hz)</td>
<td>SP1 (500 mA/100 Hz)</td>
</tr>
<tr>
<td>Pin 5</td>
<td>Gray</td>
<td>Not Applicable</td>
<td>Not Applicable</td>
</tr>
</tbody>
</table>

Electrical Connection:

<table>
<thead>
<tr>
<th>Sensor</th>
<th>Pressure Ranges</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blank</td>
<td>Standard ceramic sensor</td>
</tr>
<tr>
<td>p</td>
<td>Piezoresistive sensor</td>
</tr>
</tbody>
</table>

Process Connections:

N 1/4" NPT male thread
3" 1/2" NPT flush diaphragm seal
E 7/16-20 UNF (SAE 4)
P 7/16-20 UNF male thread (JIC 37°)
G G1/4" male thread
2" G1/2" flush diaphragm seal
1 40x40 Cetop/Manifold (contact factory)

Sealing:

V FKM fluoroelastomer (standard)
E EPDM (EPR) (optional)

Accessories

<table>
<thead>
<tr>
<th>Order Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>239535-1M-R-S®</td>
<td>4 Pin M12 Female Right Angle Plug Molded Cable, 3.28 Feet (1 Meter), Shielded</td>
</tr>
<tr>
<td>239535-1M-S®</td>
<td>4 Pin M12 Female Straight Plug Molded Cable, 3.28 Feet (1 Meter), Shielded</td>
</tr>
<tr>
<td>239537</td>
<td>4 Pin M12 Female Straight Connector</td>
</tr>
<tr>
<td>239236</td>
<td>4 Pin M12 Female Right Angle Connector</td>
</tr>
<tr>
<td>239546-1M-R-S®</td>
<td>5 Pin M12 Female Right Angle Plug Molded Cable, 3.28 Feet (1 Meter), Shielded</td>
</tr>
<tr>
<td>239546-1M-S®</td>
<td>5 Pin M12 Female Straight Plug Molded Cable, 3.28 Feet (1 Meter), Shielded</td>
</tr>
<tr>
<td>239546-S</td>
<td>5 Pin M12 Female Straight Connector</td>
</tr>
<tr>
<td>239548-R</td>
<td>5 Pin M12 Female Right Angle Connector</td>
</tr>
</tbody>
</table>

Note:
1. Only available from (0-150 psig) range up to (0-9000 psig) range. Piezoresistive sensor only.
2. Mating connector not included with unit; mating connectors are available and can be ordered as an accessory.
3. Contact factory for ranges not listed including BAR.
4. Pressure range requires piezoresistive sensor.
5. Units are rated at IP65 only.
6. See Cable Connectors & Accessories for more options.
7. Not available with process connections 3 & 2
8. Includes 2 mm Ø removable brass orifice
Electronic Dual Temperature Switch

BTS3000

Features
- Measuring range: -22° to +284°F (-30°C to +140°C)
- One or two switch points
- Analog output 4 - 20 mA
- Display & electronic connection: rotatable by 320°
- Simple navigation menu
- Superior EMI protection
- 0.50% accuracy
- Enclosure Rating: Type 4X (IP65) / Type 6 (IP67)

Applications
- Machine tool industry
- Hydraulic & pneumatic systems
- Injection molding machines
- Cooling monitoring / circuits
- Lubrication systems
- Construction machinery
- Automobile industry

General Specifications*

<table>
<thead>
<tr>
<th>Sensor element:</th>
<th>PT100 Class A DIN/IEC 60751</th>
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</thead>
<tbody>
<tr>
<td>Materials:</td>
<td>Wetted parts: 304 Stainless steel</td>
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<tr>
<td></td>
<td>Enclosure: 304 Stainless steel/polycarbonate/elastomer</td>
</tr>
<tr>
<td></td>
<td>Seals: FKM fluoroelastomer (standard) EPDM (optional)</td>
</tr>
<tr>
<td>Operating elements:</td>
<td>3 easy-response push-buttons</td>
</tr>
<tr>
<td>Enclosure rating:</td>
<td>Type 4X (IP65) / Type 6 (IP67)</td>
</tr>
<tr>
<td>Protection class:</td>
<td>III</td>
</tr>
<tr>
<td>Electrical connection:</td>
<td>Plug M12 x 1, 4-pin / 5-pin</td>
</tr>
<tr>
<td>Process connection:</td>
<td>1/4&quot; NPT Male, 1/2&quot; NPT Male, 7/16-20 UNF (SAE-4) Male, G1/4&quot; Male</td>
</tr>
<tr>
<td>Dimensions Enclosure:</td>
<td>1.6 Ø x 4.4 inches (without plug connector and sensor)</td>
</tr>
<tr>
<td>Weight:</td>
<td>Approx. 0.4 lb (200 g)</td>
</tr>
<tr>
<td>Measuring ranges:</td>
<td>-22°F to +284°F (-30°C to +140°C)</td>
</tr>
<tr>
<td>Max. pressure:</td>
<td>2,900 psi (200 bar)</td>
</tr>
<tr>
<td>A/D-Converter:</td>
<td>Resolution: 12 bit (4,096 steps per measure span) Scanning rate: 1000/s</td>
</tr>
<tr>
<td>Time Constant:</td>
<td>Approx. 40 s</td>
</tr>
<tr>
<td>Accuracy:</td>
<td>&lt; ±0.5 % f. s. at +25 °C</td>
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<tr>
<td>Repeatability:</td>
<td>±0.1% f. s.</td>
</tr>
<tr>
<td>Temperature range:</td>
<td>Electronics: 14°F to 140°F (-10°C to +60°C) Storage: -22°F to 176°F (-30°C to +80°C)</td>
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<tr>
<td>Power supply:</td>
<td>15 to 28 V DC, reversed polarity protected (SELV, PELV) Class 2</td>
</tr>
<tr>
<td>Digital display:</td>
<td>4-digit 14-segment LED red display, digit height .35 inches (9 mm)</td>
</tr>
<tr>
<td>Display rate:</td>
<td>20/s</td>
</tr>
<tr>
<td>Error display:</td>
<td>LED RED and alphanumeric display</td>
</tr>
<tr>
<td>Power consumption:</td>
<td>Approx. 50 mA (without load)</td>
</tr>
<tr>
<td>Analog output:</td>
<td>Current output: 4-20 mA Scanning rate: 2 ms Adjustment range: 25% to 100% f. s.</td>
</tr>
<tr>
<td>Transistor switching outputs:</td>
<td></td>
</tr>
<tr>
<td>Switching function:</td>
<td>Normally open / normally closed, standard /window mode and diagnosis function adjustable</td>
</tr>
<tr>
<td>Switching output:</td>
<td>PNP</td>
</tr>
<tr>
<td>Adjustment range for switching point and hysteresis:</td>
<td>0% to 125% f. s.</td>
</tr>
<tr>
<td>Switching frequency:</td>
<td>Max. 100 Hz</td>
</tr>
<tr>
<td>Load:</td>
<td>Max. 500 mA, short-circuit-proof</td>
</tr>
<tr>
<td>Delay:</td>
<td>0.0 s to 50 s adjustable</td>
</tr>
<tr>
<td>Status display(s):</td>
<td>LED(s) red</td>
</tr>
<tr>
<td>Approvals:</td>
<td>cULus</td>
</tr>
<tr>
<td>EMI</td>
<td>EN 61000-4-2 ESD 4 kV CD / 8 kV AD</td>
</tr>
<tr>
<td></td>
<td>EN 61000-4-3 HF radiated 10 V/m</td>
</tr>
<tr>
<td>Shock resistance**</td>
<td>EN 61000-4-4 Burst 2 kV</td>
</tr>
<tr>
<td></td>
<td>EN 61000-4-5-Surge 1/2 kV</td>
</tr>
<tr>
<td>Vibration resistance**</td>
<td>EN 61000-4-6 HF conducted 10 V</td>
</tr>
<tr>
<td></td>
<td>DIN EN 60028-2-27 50 g (11 ms)</td>
</tr>
<tr>
<td></td>
<td>DIN EN 60028-2-26 20 g (10 to 2000 Hz)</td>
</tr>
</tbody>
</table>

* See product configurator for additional options.

** At probe length over 100mm shock & vibration resistance can be influenced by the application
Electronic Dual Level Switch

Features
- Signal resolution: 1/5" (5 mm)
- Redundant measurement system ensures reliable output
- Total length (L0): 9.8"~39.4" (250 mm~1000 mm)
- One or two switch points
- Analog output: 4 - 20 mA or 0 - 10 V
- Rotatable 320° display & electrical connection
- Easy menu navigation

Applications
- Level control for:
  - Hydraulics
  - Lubrication system
  - Cooling

General Specifications*

Sensor element: Reed switch

Materials:
- Wetted parts:
  - Stem (Fitting, Tube): Stainless steel 316Ti
  - Float: NBR (BUNA-N) foam
  - Seals: FKM, EPDM or NBR (BUNA-N)
  - Electronic housing: Stainless steel 316Ti, PBT, elastomer

Operating elements: 3 easy-response push-buttons

Enclosure rating: Type 1 / Type 4X (IP65) / Type 6 (IP67)

Protection class: III

Electrical connection: Plug M12 x 1, 4-pin / 5-pin (depending on Output selection)

Process connection: See Product Configurator for process connection options (page 2)

Float BN17:
- Density medium: min. 0.02 lb/in³ (0.60 g/cm³)
- Depth of immersion: 0.59" ± 0.07" (15 ± 2 mm) (water)
  0.74" ± 0.07" (19 ± 2 mm) (oil 0.75)
  Ø0.70", height 0.98" (Ø17.8 mm, height 25 mm)

Dimensions enclosure: 1.6 Ø x 4.5 inches (41 x 115 mm)
  For 1/2" NPT (without M12 connector or probe).
  Contact factory for other sizes.

Weight: Approx. 0.77 lb (350 g) (for G1/2" size and 250 mm L0, for exact weight, contact factory)

Total length (L0): 9.8" (250 mm), 14.6" (370 mm), 16.1" (410 mm), others on request up to 39.4" (1000 mm)

Accuracy: ± 1 digit (without turbulence) including temperature influence and repeatability

Resolution: 1/5" (5 mm)

Max. pressure: 43.5 psi (3 bar)

Temperature range:
  - Medium: -13 °F to +176 °F (-25 °C... +80 °C)
  - Ambient/Operating: 14 °F to +140 °F (-10 °C... +60 °C)
  - Storage: -22 °F to +176 °F (-30 °C... +80 °C)

Power supply: 15 to 28 V DC, reversed polarity protected (SELV, PELV)

Power consumption: Approx. 50 mA (without load)

Digital display: 4-digit 14-segment LED display, red, digit height 0.35 inches (9 mm)

Error display: LED RED and alphanumeric display

Analog output:
- Current output: 4-20 mA
  - max. RI = (Ub-12V) / 20 mA
  - RI = 600 Ohm at Ub = 24 V DC
- Scanning rate: 2 ms
- Voltage output: 0 to 10 V DC
  - max. 10 mA
  - Rating: 25% to 100% f. s.

Units:
- Distance: %, mm, cm, inch, feet
- Volume: liter, m³, gallon

Transistor switching outputs:

Switching function: Normally open/normally closed, standard / window mode and adjustable functions

Switching output: PNP

Adjustment range for switching point and hysteresis: 0 % to 125 % f. s.

Switching frequency: Max. 100 Hz

Load: Max. 500 mA, short-circuit proof

Delay: 0.0 s to 50 s adjustable

Status display(s): LED(s) red

EMI:
- EN 61000-4-2 ESD: 4 kV CD / 8 kV AD
- EN 61000-4-3 HF radiated: 10 V/m
- EN 61000-4-4 Burst: 2 kV
- EN 61000-4-5 Surge: 1/2 kV
- EN 61000-4-6 HF conducted: 10 V

Shock resistance: DIN EN 60068-2-27: 50 g (11 ms)

Vibrations resistance: DIN EN 60068-2-26: 20 g (10...2000 Hz)

Approvals: cULus

* See product configurator for additional options.

1) Conditions of use: 140 °F (60 °C) max. ambient, power supply max. 28 V DC
Electronic Dual Level Switch

Technical Drawings

Process Connections:

- M12 x 1 CONNECTOR
- Mating connector not included; see accessories for options
- 1/2" NPT SHOWN
- E = L0 LENGTH FOR NON-NPT THREADS
- F = L0 LENGTH FOR NPT THREADS

Dimensions in inches [mm]

Product Configurator

Example BLS3 1 6 X M 14.6Z

Series:

- BLS3 Series BLS3000, electronic dual level switch

Output:

- 1 Dual switch point
- 2 Single switch point plus 4-20mA
- 3 Single switch point plus 0-10V
- 4 Dual switch point plus 4-20mA
- 5 Dual switch point plus 0-10V

Process Connections:

- 2 G1/2" male, with seal (seal code V, E or B)
- 3 1/2" NPT male, without seal (seal code X)
- 5 G3/4" male, with seal (seal code V, E or B)
- 6 3/4" NPT male, without seal (seal code X)
- A G1" male, with seal (seal code V, E or B)
- B 1" NPT male, without seal (seal code X)
- C 1 1/4" NPT male, without seal (seal code X)
- H M20 x 1.5 mm male, with seal (seal code V, E or B)
- I 7/8-14 UNF (SAE 10) male, (seal code V, E or B)
- J 1 1/16 -12 UN (SAE 12) male, (seal code V, E or B)

Note:

1. Subject to minimum order quantity of 10 pieces; consult factory for lead time.
2. Mating connector not included with unit; mating connectors are available and can be ordered as an accessory.
3. Custom length available up to 39.4" (1000mm); minimum quantities may apply.
4. Available only for G & M thread.
5. Available only for NPT, UNF & UN thread.
6. See Cable Connectors & Accessories for more options.

Electrical Connection Chart

- M12 Pin Call-Out
- Color Code of Mating Cable
- Models with 2 switching output
- Models with 1 switching output and 1 analog output
- Models with 2 switching output and 1 analog output

Seal Material:

- M2 M12 x 1 mm (4 or 5 pin)

Accessories

<table>
<thead>
<tr>
<th>Order Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>239535-1M-R-S’</td>
<td>4 Pin M12 Female Right Angle Plug Molded Cable, 3.28 Feet (1 Meter), Shielded</td>
</tr>
<tr>
<td>239535-1M-S’</td>
<td>4 Pin M12 Female Straight Plug Molded Cable, 3.28 Feet (1 Meter), Shielded</td>
</tr>
<tr>
<td>239537</td>
<td>4 Pin M12 Female Straight Connector</td>
</tr>
<tr>
<td>239236</td>
<td>4 Pin M12 Female Right Angle Connector</td>
</tr>
<tr>
<td>239546-1M-R-S’</td>
<td>5 Pin M12 Female Right Angle Molded Cable, 3.28 Feet (1 Meter), Shielded</td>
</tr>
<tr>
<td>239546-1M-S’</td>
<td>5 Pin M12 Female Straight Plug Molded Cable, 3.28 Feet (1 Meter), Shielded</td>
</tr>
<tr>
<td>239548-S</td>
<td>5 Pin M12 Female Straight Connector</td>
</tr>
<tr>
<td>239548-R</td>
<td>5 Pin M12 Female Right Angle Connector</td>
</tr>
</tbody>
</table>
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