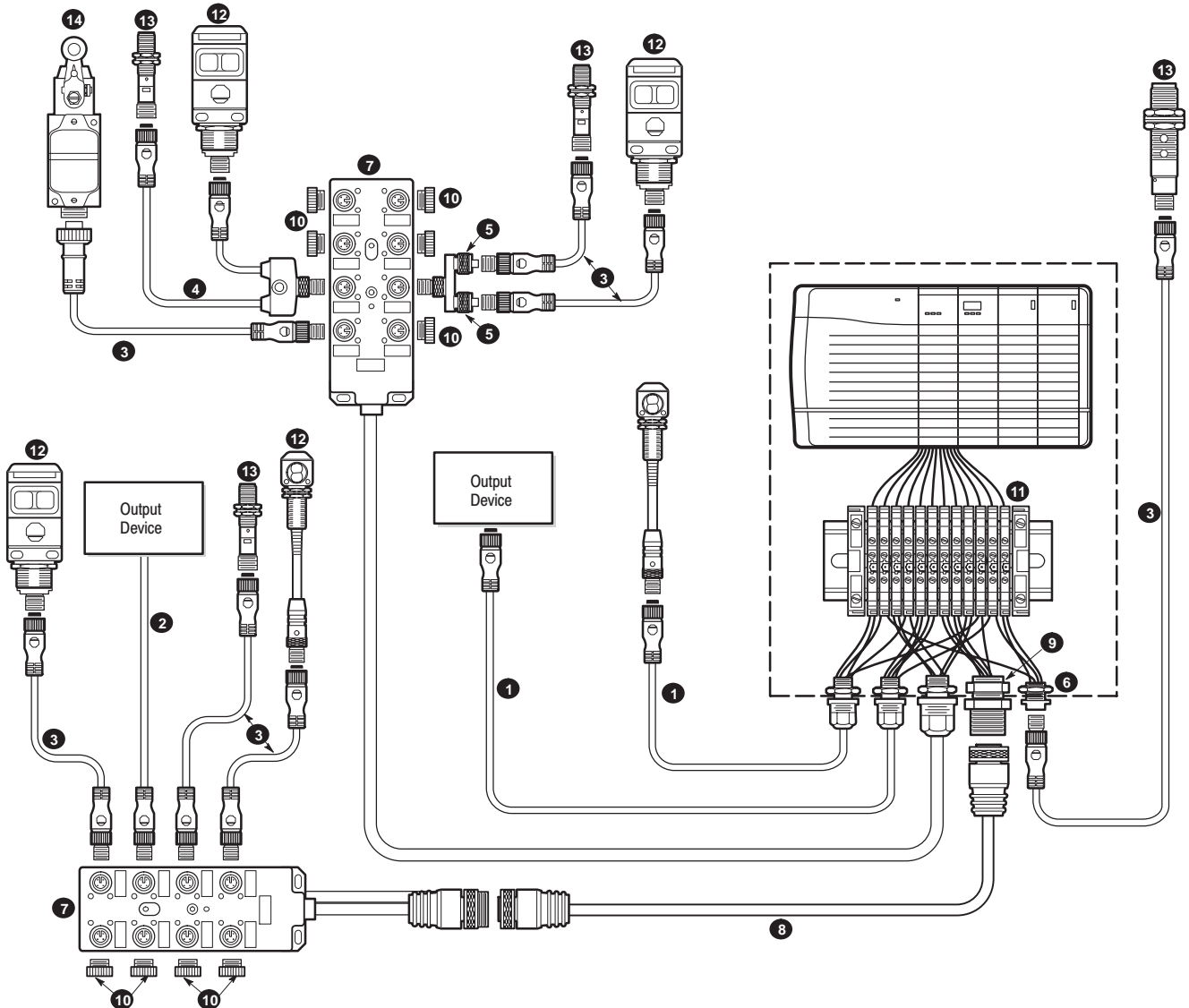


**Typical Configuration (DC Micro Connectors Based System)**



- ① DC Micro Cordset . . . page 3-36
- ② DC Micro Male Cordset . . . . . page 3-45
- ③ DC Micro Patchcord page 3-46
- ④ DC Micro Y-Cable . . . page 3-55
- ⑤ DC Micro Splitter . . . page 3-52
- ⑥ DC Micro Receptacle page 3-57

- ⑦ DC Micro Distribution Box . . . . . page 3-59
- ⑧ Mini-Plus Patchcord page 3-29
- ⑨ Mini-Plus Receptacle page 3-33
- ⑩ DC Micro Sealing Caps . . . . . page 3-109

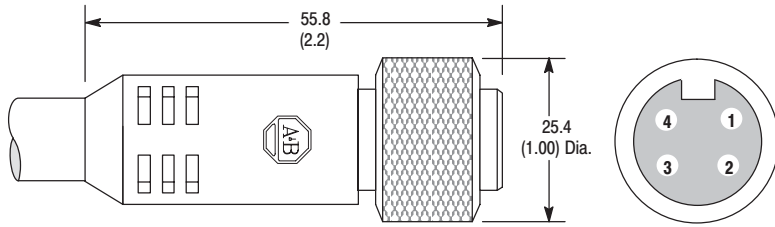
- ⑪ Terminal Blocks See the *Industrial Control Catalog.*
- ⑫ Photoelectric Sensor
- ⑬ Inductive Sensor
- ⑭ Limit Switch } See the *Sensors Catalog.*

AB Spares

Which Connector to Use?

**Mini QD (page 3–7)**

- 3-pin, 4-pin, 5-pin and 6-pin
- Straight and right angle
- Illuminated and non-illuminated
- 6ft, 12ft, and 20ft lengths (standard)
- Alternate wire color codes available
- Heavy duty ST00W–A or general purpose cable

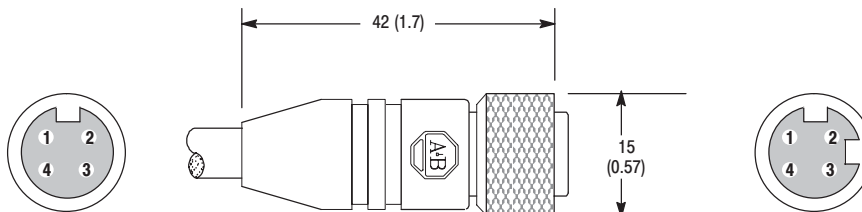


**DC Micro QD (page 3–35)**

- 4-pin or 5-pin
- Straight and right angle
- Illuminated and non-illuminated
- 2m, 5m, and 10m lengths (standard)
- Stranded aluminum shield
- M12 x 1 thread (IEC standard)
- Single keyway

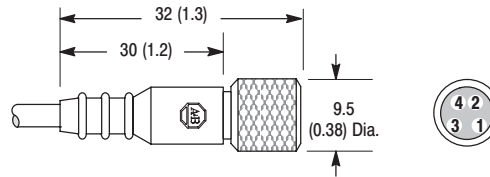
**AC Micro QD (page 3–66)**

- 3-pin, 4-pin, 5-pin or 6-pin
- Straight and right angle
- Illuminated and non-illuminated
- 2m, 5m, and 10m lengths (standard)
- 1/2in–20 thread (English)
- Dual Keyway



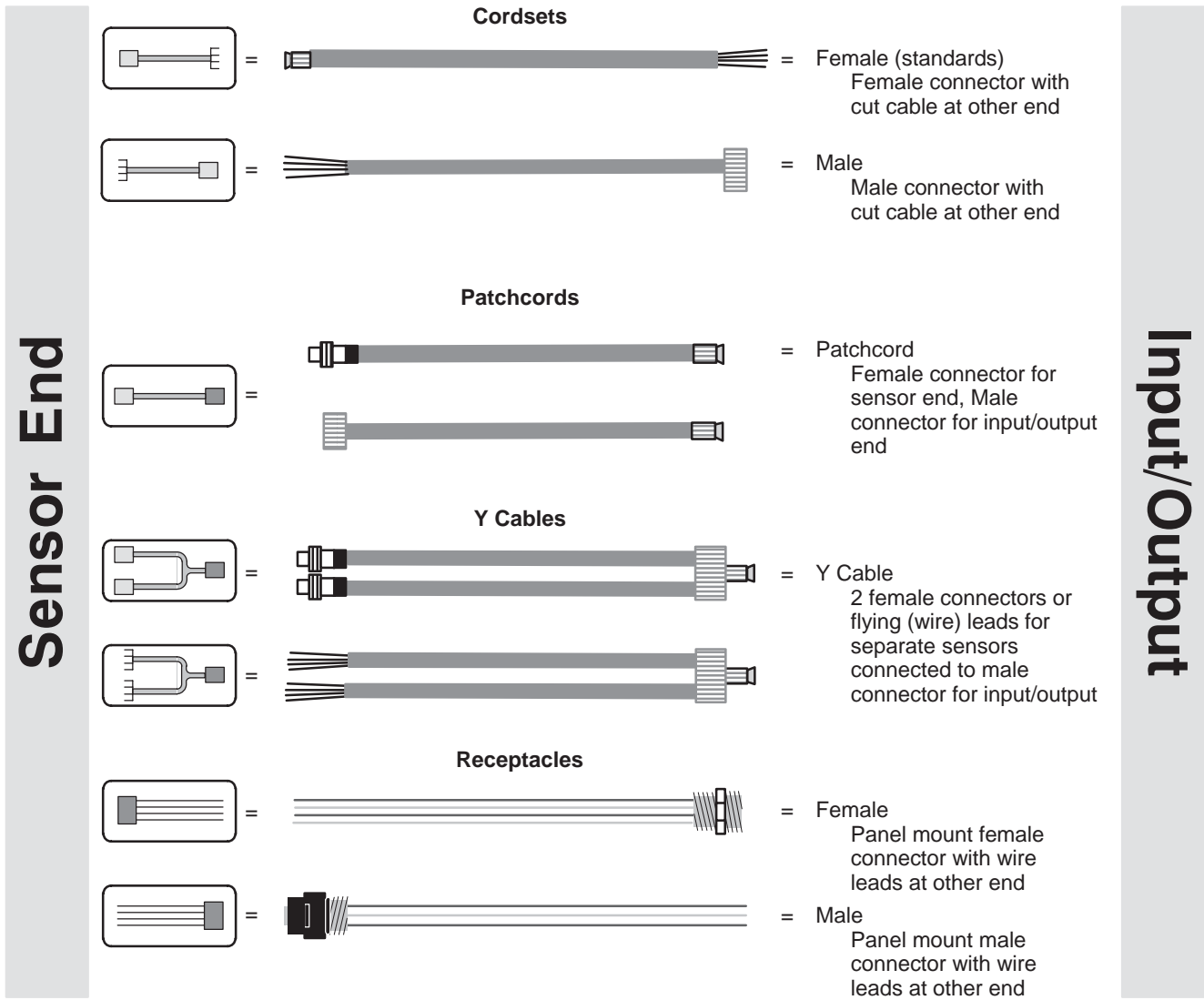
**Pico QD (page 3–84)**

- 3-pin or 4-pin
- Straight and right angle
- Illuminated and non-illuminated
- Snap-on or Thread-on
- 2m, 5m, and 10m lengths (standard)

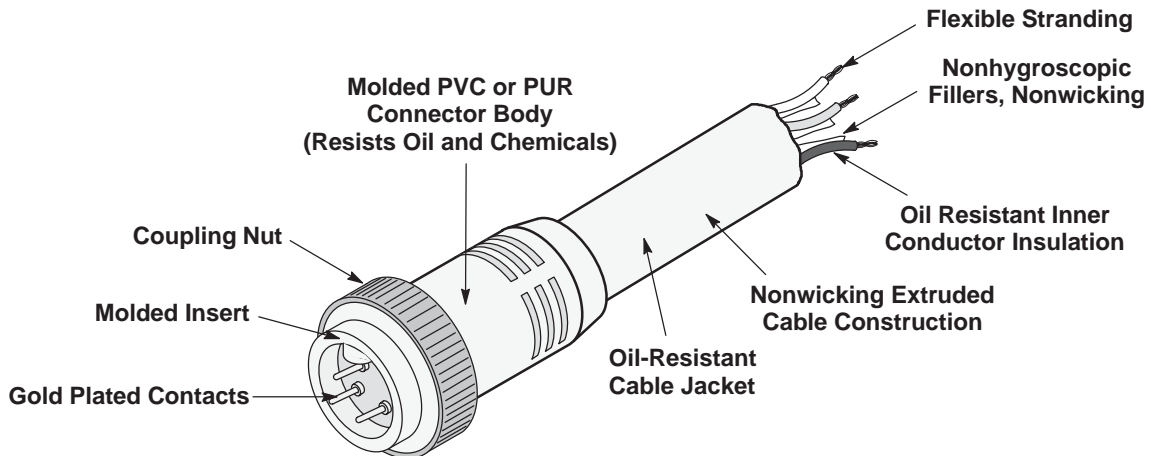


Company Name	Naming Convention						
Rockwell Automation	Pico	DC Micro	AC Micro	EAC Micro	Mini	Mini-Plus	M23
Woodhead/ Brad Harrison®	Nano-Change®	Micro-Change® Single Keyway	Micro-Change® Dual Keyway	Micro-Change® Reverse Keyway	Mini-Change® A-Size	Mini-Change® B-Size & C-Size	M23
Turck	Picofast™	Eurofast™	Microfast™	Eurofast™ Reverse Key	Minifast™	—	Multifast™
Crouse-Hinds	NanoLine™	Micro-Mini™ DC DIN	Micro-Mini™ Dual Key	Micro-Mini™ AC DIN	MiniLine™ Style I	MiniLine™ Style II & Style III	—
Lumberg	Pico Style	Micro DC Style	Micro AC Style	Micro Style Reverse Key	Mini Style	Mini Style	M23
Other Names	M8	M12					
Standard Connector Threads	M8 x 1	M12 x 1	1/2in–20UN	M12 x 1	7/8in–16UN	1in–16UN 1 1/8in–16UN	M23

**Cable Naming Conventions**

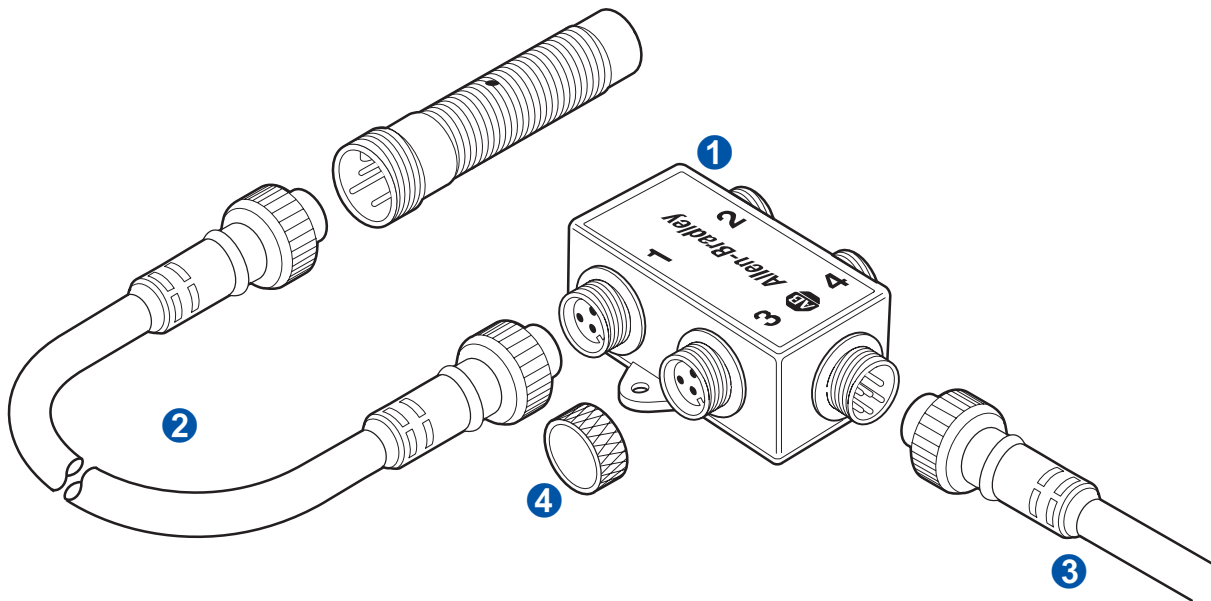


**Anatomy of a Cordset**



AB Spares

## Selecting a Distribution Box



### 1 Distribution Box

- A passive connection block used to consolidate wiring, simplify installation and reduce troubleshooting

### 2 Patchcord or Cordset

- A cable that interfaces field devices to a distribution box or control system
- Patchcords have quick-disconnects at both ends
- Cordsets have a quick-disconnect at one end and conductors (flying leads) at the other

### 3 Main Cable/Cordset

- The cordset or integral cable that interfaces a distribution box to a control system

### 4 Sealing Cap

- An accessory that protects unused distribution box ports from moisture and other contaminants