

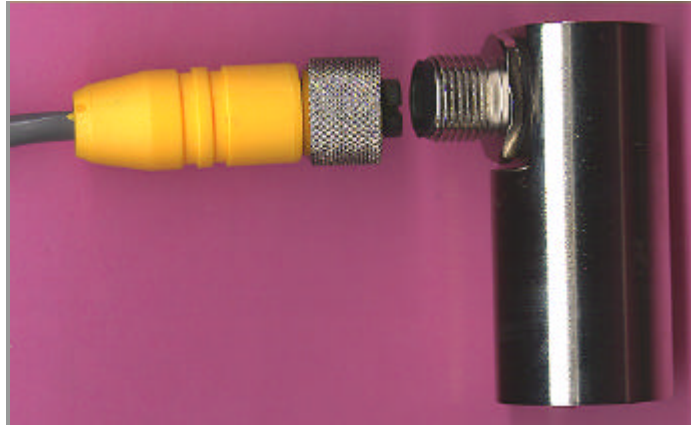
TYPE "CB"

Model P15CB *Model CBL100*
1Model CBL101

DOUBLE SHELL & TAB DETECTION

Rugged Industrial Connection • Machined Steel Housing • Improved Stability

Prime has the solution for the easy disconnect of probes used in a conversion press for double shell and missing tab detection. We developed the Model P15CB Double Shell Probe as a direct replacement to the Type "CB" Probe which has an attached cable. The Model P15CB Probe features an IP67 NEMA 6P Connector to provide superior resistance to moisture and solvents when mated with Prime's Model CBL100 or CBL101 molded cable and connector. All were designed to provide a high degree of reliability to last through many years of service.



Models CBL101-3 Cable & P15CB Probe

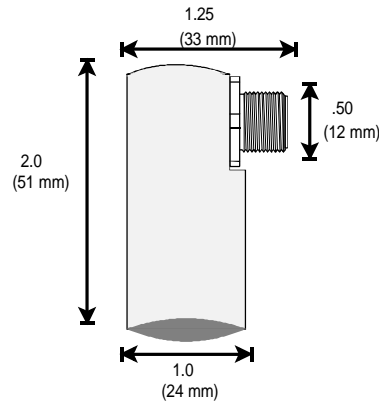
The Model P15CB Probe is used with Prime Models DS33, DS35, DS37, DS38, SD200, SD202 and SD203 Double Shell and Tab Detectors. Because of sensing input differences between earlier and newer detector models, CBL100-3 and CBL100-6 (3 Conductor w/shield) are used when applying the P15CB to a DS33, DS35, DS37 or DS38. The CBL101-3 and CBL101-6 (twisted pair w/shield) are used with Models SD200, SD202 and SD203.

The maximum cable distance of a Model CBL100 is limited to 40 feet or 12 meters when used with Models DS33 through DS38. Cable distance can exceed 100 feet or 30 meters when using the CBL101 with Models SD200, SD202 SD203. Additional cable lengths beyond the CBL101 standard lengths must use Prime's specified cable in order to maintain noise immunity. Both the CBL100 and CBL101 have two standard lengths of three and six meters.

The P15CB easily replaces our fixed cable Type "CB" Probe. It fits in the same mounting bracket and requires no special alterations. The quick disconnect feature permits the removal of either the probe or cable from the press feed system. The P15CB has a rugged machined steel housing and is fully encapsulated with epoxy for duty in the tough environment of a conversion press.

Probe Features

- Machined mild steel with nickel plate
- Epoxy encapsulation
- Compatible with DS33A, DS35, SD200, SD202 and SD203
- Connector, 12 mm male with gold plated pins
- Sealing rated to IP67 NEMA 6P
- Replaces Type "CB" Probe
- Detects steel or aluminum when used with SD200, SD202 and SD203



The P15CB is electrically compatible and may replace other Prime probe types "AZA", "AV" and "CFB". However, it differs in mechanical features. If you have any questions about changing your current probe, give Prime a call. Let us assist you.

Cable Features

- "Micro" style 12 mm DC connector (IEC Standards compatible)
- **Models CBL101-3, CBL101-6**, Standard **3** or **6** meter, 2 conductor, 22 AWG PVC Cable molded to connector
- **Models CBL100-3, CBL100-6**, Standard **3** or **6** meter, 3 conductor, 22 AWG PVC Cable molded to connector
- Gold-plated contacts for long lasting connection
- O-ring seal to provide IP67 Nema 6P seal
- Connector body molded PUR (Polyurethane)
- Shock resistance to IEC 68-2-27
- Vibration resistance to IEC 68-2-6
- Temperature -25°C to +105°C (for cable only)



CBL101-3, 3 Meter Cable, Twisted Pair w/shield

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