5417-175

Industrial Cable Assembly

The Woodward catalog lists 5417-175 as a 14 ft gray cable. Its exact ordered identity and installed connector arrangement govern replacement.

ORDER NUMBER
5417-175

CATALOG LENGTH
14 ft

CATALOG COLOR
Gray

CATALOG SERIES
5417 cable family

SELECTION BOUNDARY

EXACT SELECTION
Order 5417-175; do not select a neighboring 5417 suffix by matching length or color alone.

INSTALLED INTERFACE
Use the site's approved cable schedule and the two physical connector ends to identify the intended installed connection.

CONFIGURATION BOUNDARY
Do not copy pin assignments, electrical limits or interchangeability claims from a different cable number.

Catalog page 14-15: 5417-175, 14 ft, gray.

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Receiving and as-found comparison

MARKING

Read the complete Woodward 5417-175 marking and compare it with the purchase and maintenance record.

LENGTH

Check the documented 14 ft cable against the as-found route before removing the installed assembly.

COLOR

Use the catalog's gray identification as a visual cross-check, not as the sole acceptance criterion.

CONNECTOR ENDS

Compare both mating ends, keying and contact condition with the approved cabinet drawing.

CABLE BODY

Inspect sheath condition, strain relief, routing, clearances and any shield or braid treatment.

RECORD

Photograph the as-found installation and retain the exact cable schedule for reassembly.

The catalog lists 5417-040 at 10 ft and 5417-175 at 14 ft; record the installed route and spare length before replacement.

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Eight-step replacement record

STEP 1

Confirm 5417-175, the 14 ft length and the gray catalog color.

STEP 2

Place the connected control equipment in the approved safe-work state.

STEP 3

Record both connector destinations and the existing route before unplugging.

STEP 4

Compare keyed ends and contact condition before fitting the replacement.

STEP 5

Restore the existing route, support and separation without cable strain.

STEP 6

Perform the site's relevant continuity and controlled system test.

STEP 7

Record the installed part marking and as-left connection state.

STEP 8

Release only after the responsible engineer accepts the system response.

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Model-specific decisions

WHAT IS THE CATALOG LENGTH OF 5417-175?

The Woodward catalog lists 14 ft.

WHAT COLOR IS WOODWARD 5417-175?

The listed color is gray.

CAN 5417-175 BE SELECTED BY LENGTH ALONE?

No. Verify the complete part number and installed connector arrangement.

WHAT COMPLETES THE 5417-175 INSTALLATION CHECK?

An approved cable and system test with the as-left part number and connection recorded.

ORIGINAL WOODWARD RECORD

Woodward Industrial Products Catalog 25182 Rev. AG

RELATED WOODWARD PAGES / NOT INTERCHANGEABILITY

WOODWARD 5417-028

WOODWARD 5417-040

WOODWARD 5453-203

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