



Speed Sensors (MPUs)

Product Change

Woodward's MPU product lines are critical to Woodward and are influential in the speed control marketplace.

The supplier that Woodward has depended on for a decade to manufacture these parts has suddenly gone out of business and Woodward is unable to secure a new supplier to support all parts for the current business. Additionally, source costs have increased tremendously depending on volume and part complexity. Unfortunately, Woodward must pass on these increased costs to customers.

Table 1-1 provides an "alternative" part number that will remain available and a cross-reference to parts that are inactive now.

The obsolete part numbers will no longer be available for purchase.

Last Time Buy Description

Last Time Buy items will no longer be available for purchase from Woodward. Woodward will offer potential alternatives which will NOT always be 1:1 equivalent, such as a different length and/or some other small specifications differences.

Affected Units with Optional Preferred Replacements

This list includes all impacted part numbers.

Table 1-1. Obsolete Part Numbers

Obsolete Part Number(s)	Description, Thread, and Thread Length	Backwards Compatible Part Number(s)	Review the following sensors with your engineering team to decide if these will work with your application.
DYNT-11100	MPU, M16x1.5 – 6g, TL=2.5"	None	1680- 649 with TL of 3"
DYNT-11500	MPU, M16x1.5 – 6g, TL= 6"	None	
DYNT-11200	MPU, M16x1.5 – 6g, TL= 4"	None	1680-649 with TL of 3"
DYNT-11600	MPU, M16x1.5 – 6g, TL= 5"	None	1680-649 with TL of 3"
DYNT-11300	MPU, M16x1.5 – 6g, TL= 1"	None	1680-649 with TL of 3"
DYNT-11400	MPU, M16x1.5 – 6g, TL= 3"	None	1680-649
DYNT-16100	MPU, M16x1.5 – 6g, TL= 2.5"	None	1680-649 with TL of 3"
DYNT-10100	MPU, 5/8-18 UNF-2A, TL=2.5"	None	1680-622
DYNT-10200	MPU, 5/8-18 UNF-2A, TL= 4"	None	1680-631 with TL of 4.5"
DYNT-12700	MPU, 5/8-18 UNF-2A, TL= 2.5"	None	1680-622
DYNT-10300	MPU, 5/8-18 UNF-2A, TL= 1"	None	202816 with TL of 1.4"
DYNT-10400	MPU, 5/8-18 UNF-2A, TL= 3"	None	1680-622 with TL=2.5"
DYNT-15400	MPU, 5/8-18 UNF-2A, TL= 3"	None	1680-622 with TL=2.5"
DYNT-10600	MPU, 5/8-18 UNF-2A, TL= 5"	None	1680-631 with TL=4.5"
DYNT-10500	MPU, 5/8-18 UNF-2A, TL= 6"	None	
DYNT-15200	MPU, 5/8-18 UNF-2A, TL= 4"	None	1680-631 with TL=4.5"
DYNT-15600	MPU, 5/8-18 UNF-2A, TL= 5"	None	1680-631 with TL=4.5"
DYNT-13400	MPU, 3/4-16 UNF-3A, TL= 2.37"	None	
DYNT-13200	MPU, 3/4-16 UNF-3A, TL= 2.37	None	
DYNT-13500	MPU, 3/4-16 UNF-3A, TL= 3.3"	None	
DYNT-13300	MPU, 3/4-16 UNF-3A, TL= 3.3	None	
DYNT-17150	MPU, 3/8-24 UNF-2A, TL= 1.67"	1680-2116	L=2.7", Lead: 72"
DYNT-17200	MPU, 3/8-24 UNF-2A, TL= 2.27"	1680-2116	L=2.7", Lead: 72"
DYNT-17400	MPU, 3/8-24 UNF-2A, TL= 4	None	
DYNT-19200	MPU, 3/4-16 UNF-2A, TL=2.37"	None	
1680-2013	MPU, 3/8-24 UNF-2A, TL= 2.7"	None	Sensor comes with DEUTSCH/TE Connectivity 2 terminal DTM04-2P connector installed. No direct replacement.
1689-1065	MPU, 3/8-24 UNF-2A, TL= 4"	None	
DT17200-001-000	MPU, 3/8-24 UNF-2A, TL= 2.27"	None	Lead: 72" instead of 6"
DT17200-002-000	MPU, 3/8-24 UNF-2A, TL= 2.27	1680-2116	Lead: 72" instead of 99"

Kits containing obsolete MPU's referenced in Table 1-1.

Table 1-2. Obsolete Kit Product Numbers

Obsolete Kit P/N(s)	Description	Obsolete Sensor P/N
DA10129-000-024 DA10130-000-024 DK10206-814-000	M16x1.5 – 6g	DYNT-11100
DYNK-10017 DYNK-10206 DYNK-10371	MPU, 5/8-18 UNF-2A	DYNT-10100
DYNK-10350 DYNK-10352 DYNK-10355	MPU, 5/8-18 UNF-2A	DYNT-10200
DYNK-10249 DT130-001-0-00 DT130-003-0-00	MPU, 3/8-24 UNF-2A	DYNT-17200
CE39-17846 6995-1160 DYNK-10393 DYNK-10414-0-00	MPU, 3/4-16 UNF-3A	DYNT-13200

For alternative MPU's, please review the specification with your engineering team. See <https://support.woodward.com> for Woodward technical support.

Table 1-3. Alternative Magnetic Pickups

Alternative Magnetic Pickups

Description	Thread	Thread Length	DC Resistance	Ratings	Compatible Connector	Part Number
MPU-70 VPP	5/8" - 18	1.4"	210 ohms	None	1630-755	202816
MPU-50 VPP	5/8" - 18	2.0"	200 ohms	None	1630-755	1680-613
MPU-60 VPP	5/8" - 18	2.5"	250 ohms	None	1630-755	1680-622
MPU-60 VPP	5/8" - 18	4.5"	250 ohms	None	1630-755	1680-631
MPU-60 VPP	M16 x 1.5	3.0"	250 ohms	None	1630-755	1680-649
<i>Or kits incl. mating connector</i>						
1680-613 & Connector	5/8" - 18	2.0"	200 ohms	None	Included	5430-915
202816 & Connector	5/8" - 18	1.4"	250 ohms	None	Included	5430-919
1680-622 & Connector	5/8" - 18	2.5"	250 ohms	None	Included	5430-929
1680-631 & Connector	5/8" - 18	4.5"	250 ohms	None	Included	5430-933
1680-649 & Connector	M16 x 1.5	3.0"	250 ohms	None	Included	5430-951

Customer Action

Woodward recommends that customers test the alternative MPUs on their applications to ensure proper performance.

Frequently Asked Questions

Q – When will the obsolete part numbers be inactivated?

A – March 1st, 2025

Q – Are the replacement part numbers “drop-in replacements” for the obsolete part numbers?

A – The replacements are electrically equivalent, but length of MPU and/or lead can be different.

Q – Will the prices remain constant from the obsolete part numbers to the replacement part numbers?

A - Pricing for replacement part numbers will be higher than pricing for obsolete part numbers because of higher cost levels.

Q – Can customers continue to buy spare units for the obsolete part numbers and if so, how long?

A – No, the obsolete part numbers can no longer be ordered.

Q – How do I contact a Woodward Channel partner for local support?

A – [Find a Local Partner](#) | Woodward

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