



Product Group:	Air Preparation	Actuators	Cylinders	Grippers	Vacuum / Sensors	Valves	Other
Notice of Product Change							
Subject:	2MA Series Cylinder Body Material						

Future orders for 1.50" to 5.00" bore 2MA Series Non-Lube NFPA Air Cylinders will include, as standard, the cylinder body (a.k.a. barrel, tube, etc.) from the new 3MA/4MA Series Non-Lube NFPA Air Cylinder. This change will be in effect until the obsolescence of the 2MA Series later this calendar year.

The list below details this change:

- Material specifications are the same (clear anodized aluminum alloy)
- Color and finish are the same
- Bore sizes are the same through 4" bore:
 - The 5" bore 2MA will now include an extruded profile instead of the round tube and tie rod construction
- The new 2MA body will include integrated sensor grooves, eliminating the need for the Global Sensor Tie Rod Bracket (p/n P8S-TMA0X)
- All 6" and 8" bores, or 2MA cylinders with intermediate trunnion mounts (Style DD, NFPA MT4), will continue to include round tube and tie rod construction

This cylinder body change is necessary for our supply chain to ease the transition from 2MA to 3MA/4MA as the new product platform. No difference in performance or price will occur from this change.

Sensors for the New Body

One significant change will be the mandatory shift from the old version 2MA sensors (part numbers beginning with L074) to the new Global Sensors (part numbers beginning with P8S-). **The old version 2MA sensors will not fit to the new standard cylinder body design.** We had already removed the old version sensors from catalog and bulletin publications over 4 years ago and communicated that the functional replacement is the Global Sensor family. Also, the Global Sensor family has lower list prices than the older version sensors, and now without the need for a tie rod bracket, it will provide even more savings for you and your customers. Below is a list of sensors affected by the change and the recommended replacement:

Old Sensor P/N	Global Sensor P/N
L074860000	P8S-GRFLX
L074870000	
L074880000	P8S-GNFLX
L074900000	
L074910000	P8S-GPFLX
L074920000	



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2MA Body Material - Limited Availability as a Special

Of course, for select customers, there may be a temporary need for the 2MA body material with 2MA orders or even with new 3MA/4MA orders due to the need for backward compatibility for customers who have previously installed old style 2MA sensors in their applications. To accommodate these special requests, we can provide the 2MA body material for 2MA, 3MA or 4MA cylinder orders for current requirements.

For any new quotes or orders that require the original 2MA body material instead of the new standard 3MA/4MA body material, please perform the following steps:

1. Enter an "S" in the proper field in the model number for Special Modification.
(for example, 2.00 BB 2MA U **S** 14A 10.000)
2. In the item notes, enter "**S = Lobed profile tube without switch grooves**"
3. Identify the list price adder per bore from Page 8 in 2MA Price List 0917/US (for 2008)
4. Add this list price adder to the original cylinder list price.

Below is an example:

Original version: 2.00 BB 2MA U 14A 10.000 = \$193.60 list each

Version with 2MA body: 2.00 BB 2MA U S 14A 10.000 = \$193.60 + \$30.00 adder = \$223.60 list each
S = Lobed profile tube without switch grooves

In the near future we will be releasing a new body design for all 3MA and 4MA cylinders that will accommodate the old sensor with the standard body profile to coincide with the planned obsolescence of the 2MA Series. A future notice of change will be issued at that time.

While this transition may be difficult for some customers, we have attempted to take as many steps as possible in order to accommodate our customers' needs with efficiencies from the future product lines and competitive pricing. This transition to the new body must happen now to evolve our business into a platform for future growth.