

New NO_x sensor generation and parts number 56.03.005

MOTORTECH announces the latest NO_x-sensor generation and design change.

MOTORTECH will provide the NO_x-sensor with the new parts number P/N: 56.03.005 and discontinue the predecessor P/N: 56.03.003.

In EasyNO_x NO_x-Monitoring applications the bracket design change is already considered at the mounting plate (P/N: 63.05.015) since 2022.

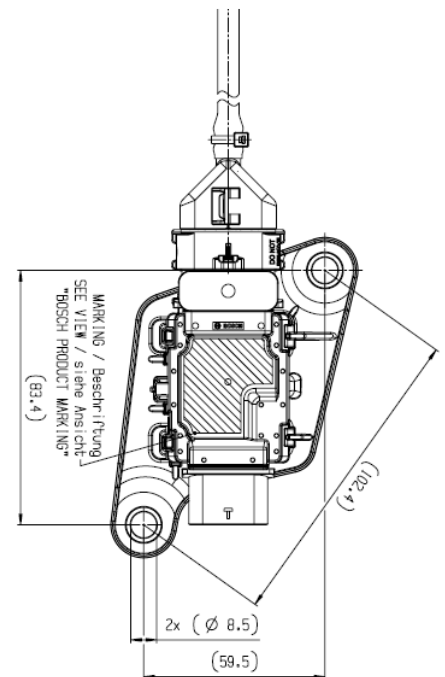
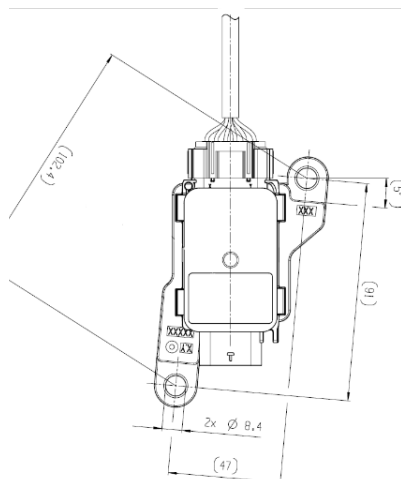
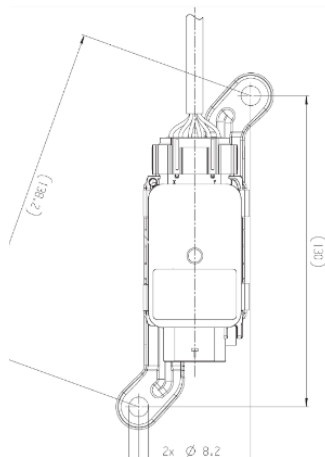
New Features:

- 12/24V multi-volt level usage
- Three CAN IDs available to use up to 3 NO_x-sensors in a fieldbus
- Improved accuracy
- Improved harness material and electronics housing

Dimensions

56.03.003 (old design with metal bracket and design with plastic bracket).

P/N: 56.03.005 New Design



Ordering Information

P/N	Description	Supersedes
56.03.005	NOx-sensor (MOTORTECH CE-certified)	56.03.003

Optional equipment and items

P/N	Description
07.81.074	Welding adapter for NOx-sensor, OD 30mm IG M20 x 1.5
75.90.1108	Screw plug M20 x 1.5 (DE: Verschlusschraube mit Bund)
07.81.077	Welding adapter for heat shield P/N 07.81.076 (Alternative for 07.81.074)
07.81.076	Heat shield (cylindrical, height 80mm, M30 x 1.5
06.30.172-15	Harness for NOx-sensor 56.03.003/56.03.005, length 15m
06.30.173-15	Harness for 2 pcs NOx-sensors 56.03.003/56.03.005, length 15m
06.30.188	Adapter cable for NOx-sensor 5-pole socket to 6-pole (for use with existing harness for MAN® sensor 51.15408-0017)

NOTICE!

The new sensor has a different factory-set k_{NO_2} factor than the predecessor model. In the EasyNOx settings, the k_{NO_2} factor must be reset to 0.82 as a fixed manufacturer-specific value of the sensor (previously 0.85) as soon as sensor 56.03.005 is installed.

It is recommended to enter the installation date in the operator logbook of the EasyNOx.