

Arens Controls Transmission Shifter

T75 Series

The T75 Automatic Transmission Shifter provides a stylish, ergonomic design with durable, long-life construction. The compact, space-saving design contains many features required in modern vehicles, while easily fitting into existing Medium-Duty Truck and School Bus designs.

The T75 is manufactured to the highest standards, encompassing simplicity and commonality of components. It can be adapted to fit specific applications and environments with a number of design and electrical options. It is an economical, reliable and adaptable solution for Vehicle OEMs that use Mechanically Actuated Automatic Transmissions.

The T75 includes an electrical output for each shift position which can be used to signal a remote indicator on the vehicle control panel.



The T75 Shifter is designed for all brands of Mechanically Actuated Automatic Transmissions equipped with an external Shift Shaft used on Medium-Duty Trucks and Buses.

SPECIFICATIONS

ELECTRICAL

SUPPLY VOLTAGE, DISPLAY LED	12Vdc or 24Vdc
CONNECTORS	Flying Leads, Connectors optional
LED INDICATOR	10,000 Hour (Continuous) rated
REED SWITCHES – OUTPUT VOLTAGE	5-12Vdc
REED SWITCHES – OUTPUT CURRENT	250mA maximum

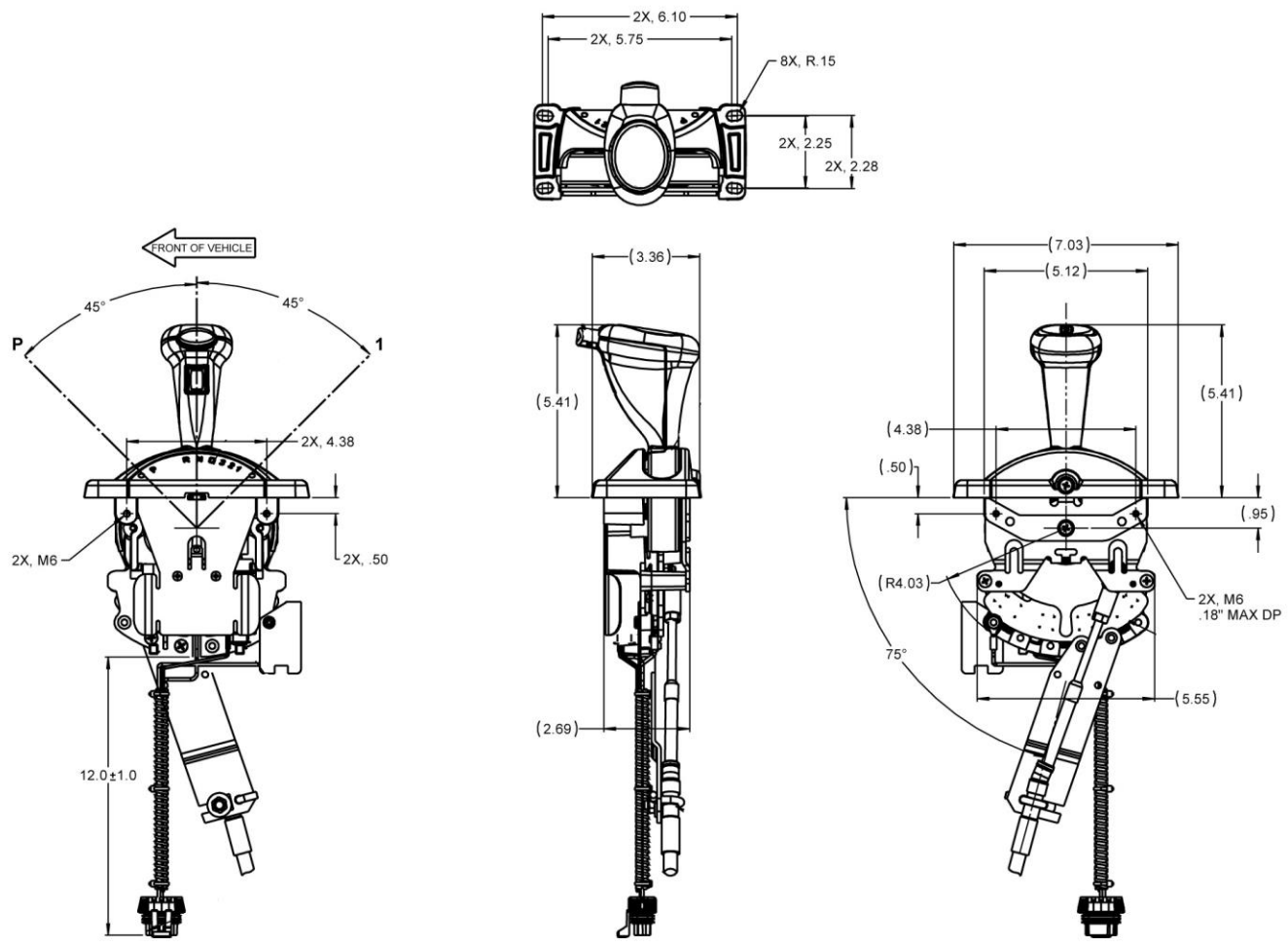
MECHANICAL

PUSH-PULL CABLE, CLAMP TYPE	1/4-28
ACTUATION RATING	2 million cycles
SHIFT DETENT	Positively detented in each position

ENVIRONMENTAL

PROTECTION RATING	IP69K electronics
OPERATING (STORAGE) TEMPERATURE	-40 to +85°C (-50 to +85°C)
EMC IMMUNITY & EMISSION LEVEL	100 V/m, complies with EN55011
ESD IMMUNITY LEVEL	EN 61000-4-2 ± 15V air discharge
Vibration	EN 60068-2-64 random, 3.6gn, 10-200Hz, 2h per axis
Shock	EN 60068-2-27 random, 25gn, 10ms, 500 in 6 directions

MECHANICAL DIMENSIONS (mm)



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