

► Product Features

- Dual output for drive-by-wire application
- Precision $\pm 1\%$, $\pm 2\%$ linearity
- 2 million life cycles min.
- IP68, IP69K water resistance
- EMI free via automotive inductive technology
- Demand sensing of vehicle acceleration



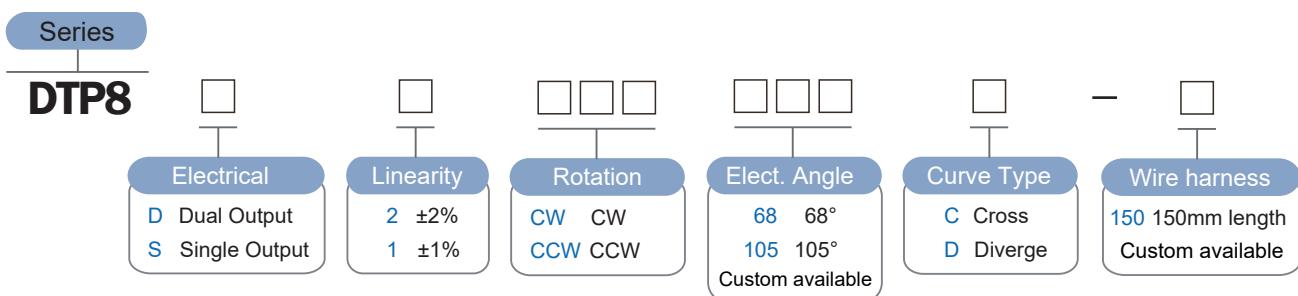
► Materials

Part Description	Housing	Housing Insert	Cover	Rotor	Target	Seal
Material	PBT with GF	Brass	PBT with GF	Nylon66 with GF	Stainless Steel	NBR

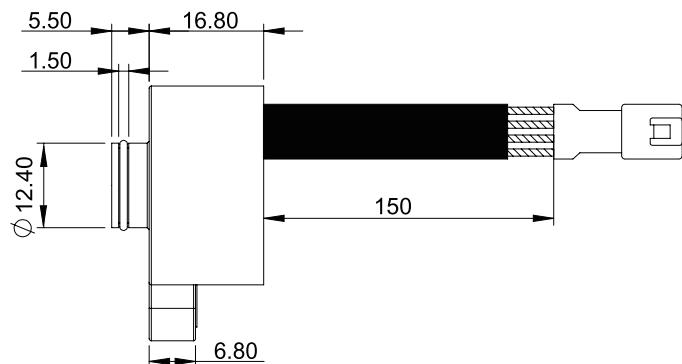
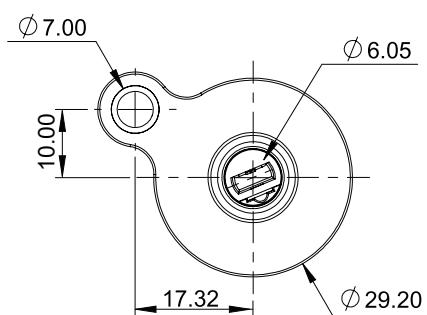
► Specification

Rotational life cycles	2 million cycles min.
Independent linearity	$\pm 1\%$, $\pm 2\%$
Water resistance	IP68, IP69K
Electrical output	Single, Dual
Rated voltage	5V
Total rotational angle	120°
Electrical angle	40°~110°

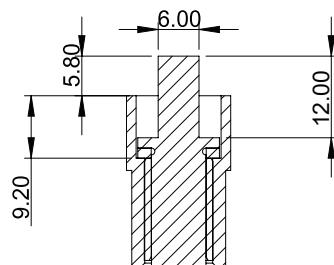
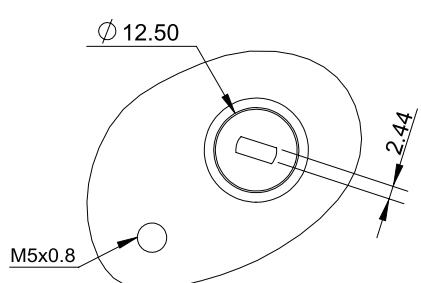
► Part Number



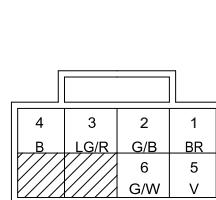
DTP8D



Mounting Requirement

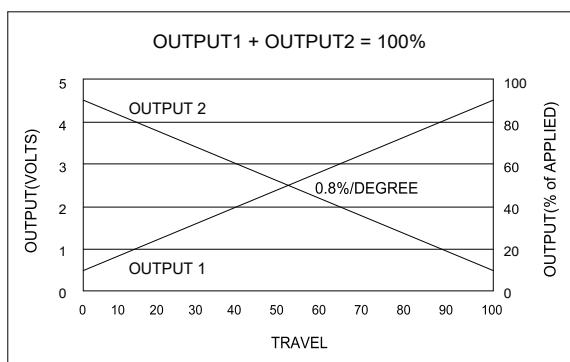


Pin Definition

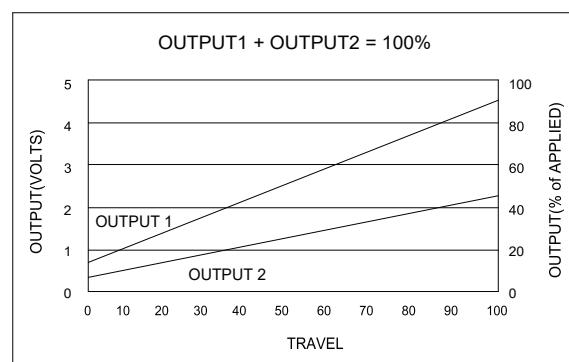


PIN	Description
1	GND
2	Vout 1
3	+5V
4	GND
5	Vout 2
6	+5V

Output Curve



Cross type



Diverge type