

OPTEK Optical Encoders



This product is RoHS compliant.



A subsidiary of TT electronics plc

OPE1275 SERIES AND OPE2275 SERIES

The OPE1275 and OPE2275 are designed for 27.5mm, small shaft motors with a shaft diameter of 2mm (0.079") and a minimum length of 3.8mm (0.150). The OPE1275 provides a single channel analog output for speed of rotation while the OPE2275 provides a dual channel analog output for speed and direction of rotation. Optek's OPE Optical Encoders are available in hollow and shafted configurations with standard resolutions of 128 and 256 pulses per revolution. Custom resolutions are available on request.

Features:

- Single and Dual Channel Outputs
- Hollow and Shafted Configurations
- 128 or 256 Pulses per Revolution
- I/O interface with Molex Standard Parts Housing 51021-0400 Terminal pins 50058-8100 or 50079-8100

Applications:

- Printer and Copier Motors
- Machine Automation
- Machine Safety
- Motor Control
- Control Knobs
- Integrated Packaging
- System/Conveyors

Hollow Shaft

For quantities of 200 and up, call for quote.

MOUSER STOCK NO.	Alps Part No.	Channel Type	Pulse per Revolution	Output Type	Price Each			
					1	25	50	100
828-OPE1275H128	OPE1275H-128	Single	128	Analog	28.66	25.80	23.78	22.93
828-OPE1275H256	OPE1275H-256	Single	256	Analog	28.66	25.80	23.78	22.93
828-OPE1275HD128	OPE1275HD128	Single	128	Digital	31.70	28.54	26.30	25.36
828-OPE1275HD256	OPE1275HD256	Single	256	Digital	31.70	28.54	26.30	25.36
828-OPE2275H128	OPE2275H-128	Dual	128	Analog	28.66	25.80	23.78	22.93
828-OPE2275H256	OPE2275H-256	Dual	256	Analog	28.66	25.80	23.78	22.93
828-OPE2275HD128	OPE2275HD128	Dual	128	Digital	31.70	28.54	26.30	25.36
828-OPE2275HD256	OPE2275HD256	Dual	256	Digital	31.70	28.54	26.30	25.36

Extended Shaft

For quantities of 200 and up, call for quote.

MOUSER STOCK NO.	Alps Part No.	Channel Type	Pulse per Revolution	Output Type	Price Each			
					1	25	50	100
828-OPE1275S128	OPE1275S-128	Single	128	Analog	28.66	25.80	23.78	22.93
828-OPE1275S256	OPE1275S-256	Single	256	Analog	28.66	25.80	23.78	22.93
828-OPE1275SD128	OPE1275SD128	Single	128	Digital	31.70	28.54	26.30	25.36
828-OPE1275SD256	OPE1275SD256	Single	256	Digital	31.70	28.54	26.30	25.36
828-OPE2275S128	OPE2275S-128	Dual	128	Analog	28.66	25.80	23.78	22.93
828-OPE2275S256	OPE2275S-256	Dual	256	Analog	28.66	25.80	23.78	22.93
828-OPE2275SD128	OPE2275SD128	Dual	128	Digital	31.70	28.54	26.30	25.36
828-OPE2275SD256	OPE2275SD256	Dual	256	Digital	31.70	28.54	26.30	25.36

