

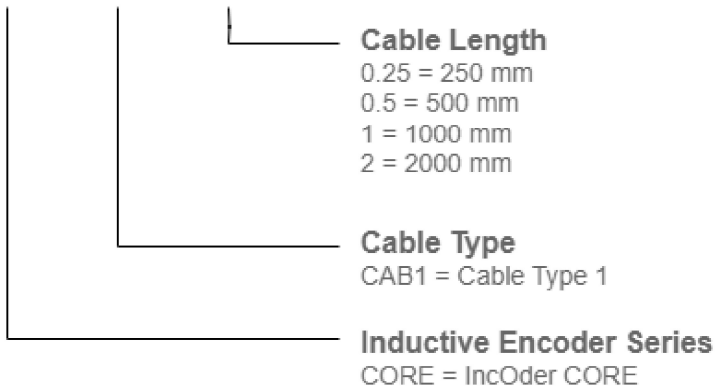


10 Cable Information

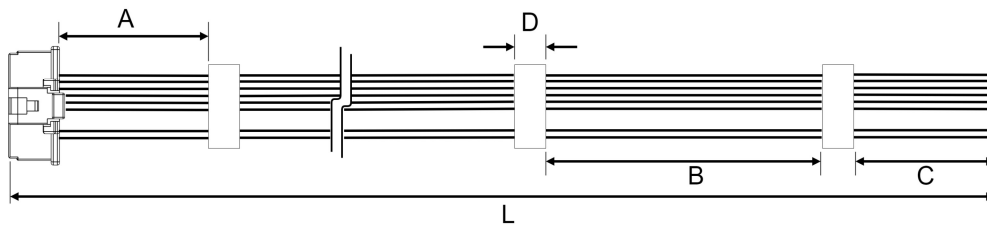
10.1 Cable Part Number

Mating connector and tinned wires on other end.

CORE - CAB1 - 0.25



10.2 Cable Drawing



Symbol	Description
L	Total Cable Length (+/- 5 %)
A	Rear-of-connector to edge-of-sleeve: 35 - 40 mm



Symbol	Description
B	Sleeves spaced every 100 - 150 mm (as required)
C	Edge-of-sleeve to wire-ends: 35 - 40 mm
D	Sleeve Width: 20 mm

10.3 Cable Wire Assignment



IncOder CORE Cable Connector

Molex 10-way PicoClasp Connector

Pin	Colour	Signal	Function
1	Brown	Zero Set	Optional Zero Set function. To use, connect to electrical ground (<0.5V) for >3 seconds at power up but left unconnected (i.e. open circuit) during operation.



2	Red	Zero Reset	Optional Zero Reset function. To use, connect to electrical ground (<0.5V) for >3 seconds at power up but left unconnected (i.e. open circuit) during operation.
3		Reserved	Reserved for future use.
4		Reserved	Reserved for future use.
5	Green	DATA A	Absolute Encoder Output (Data A / Data +)
6	Blue	CLOCK A	Clock Input (Clock A / Clock +)
7	Purple	DATA B	Absolute Encoder Output (Data B / Data -)
8	Grey	CLOCK B	Clock Input (Clock B / Clock -)
9	White	0V	Digital signal ground.
10	Black	V _{supply}	Supply 4.5-5.5V, 8-12V, <100mA