Encoder Type

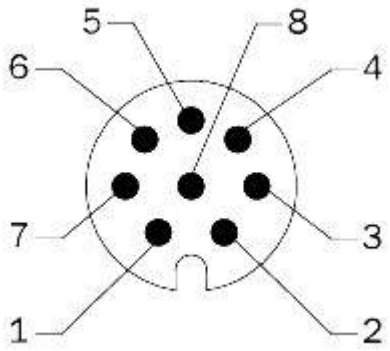
Hiperface absolute encoder

Standard encoder is **STL70-0HA8** manufactured by SICK.

Link to the product documentation:
https://www.sick.com/at/en/catalog/products/motion-control-sensors/linear-encoders/stletl70/c/g552050



Connector Pinout - M12 - 8 poles



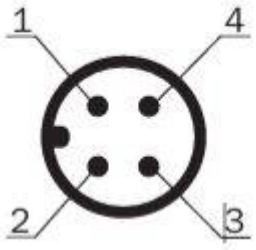
PIN	Signal description
1	REFSIN (2.5V)
2	SIN+
3	REFCOS (2.5V)
4	COS+
5	DATA+

6	DATA-
7	GND
8	US (7 to 12 VDC)
-	Shilding

Absolute Hiperface DSL

Encoder type **ETL70-0KA4**
This option is under request.

Connector Pinout - M12 - 4 poles



PIN	Signal description
1	+US / DSL +
2	DSL- / GND
3	+ Temperature
4	- Temperature

From:
https://www.nilab.at/dokuwiki/ - **NiLAB GmbH Knowledgebase**

Permanent link:
https://www.nilab.at/dokuwiki/doku.php?id=en:rm_linear:encoder

Last update: **2026/09/11 07:59**