## CLIC

## Grycenne Levelting Instrument Connector

**SDL's Cryogenic Latching Instrument Connector (CLIC)** provides active, inexpensive, thermal switching capabilities when combined with SDL's thermal links. This device is remotely-operated, suitable for cryogenic environments, and requires no power when latched opened or closed. The installation process automatically sets and maintains proper gap and alignment between the thermal link and the cold source.

The CLIC mechanism can also be used to position other devices such as shutters, scene select mirrors, or load locks. CLIC can accomodate multiple 'latched' positions and can generate extensions up to 0.38" at reduced latching forces (0.03" at full latching force). External control electronics are available.

## **SPECIFICATIONS (CLIC 88)**

MASS: ~0.5kg (1.1lb) SIZE: 2.4"OD x 7.0" Long ENVIRONMENT: -200°C to 65°C POWER WHILE CYCLING : <30W POWER WHILE LATCHED : 0W

CLIC Configurations	Latching Force (lbf)	Overall Size (in)		Mass
		Diameter (in)	Height (in)	(grams)
CLIC 50	25	1.9	5.0	350
CLIC 62	45	2.0	5.9	470
<b>CLIC 75</b>	80	2.2	6.6	490
CLIC 88	125	2.4	7.0	510
<b>CLIC</b> 100	163	2.7	7.5	560
CLIC 112	223	3.0	8.2	630

As Built and Tested

As Designed

7.0"



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