Module

CF-75 flange with 2 x 25 pins feedthrough, 50 pins total

Slow Control Device	Controller	Pins per Device	Number of Devices	Total Number of Pins
PT-100 temp. sensor	MAX31865	4	10	40
Level meter	UTI-N	4	1	4
Free pins				6

PCB
1 x Raspberry Pi → plug onto PCB directly
10 x MAX31865 → 40-pin flat cable pin-out
1 x Smartec Evaluation Board   MOSFET power-switch!
1 x D-Sub 9   1 pin for ground!

DIN-Rail Box
1 x 24 V DC to 24 V DC converter 10 A   web link
1 x 24 V DC to 5 V DC converter 3 A   web link
1 x cryo valve controller
1 x media converter 1 Gbit SFP

Cryostat

CF-60 flange with 2 x 25 pins feedthrough, 50 pins total

Slow Control Device	Controller	Pins per Device	Number of Devices	Total Number of Pins
PT-100 temp. sensor	MAX31865	4	10	40
Level meter	UTI-N	4	1	4
Free pins				6

PCB
1 x Raspberry Pi → plug onto PCB directly
7 x MAX31865 → 40-pin flat cable pin-out
1 x Smartec Evaluation Board   MOSFET power-switch!
1 x D-Sub 25   1 pin for ground!

DIN-Rail Box
1 x 24 V DC to 24 V DC converter 10 A   web link
1 x 24 V DC to 5 V DC converter 3 A   web link
8 x cryo valve controller
1 x media converter 1 Gbit SFP