

imc CRONOS-SL Details

imc CRONOS-SL general specs and housing types

	SL-2	SL-4
General		
Aggregate sampling rate	400 kSps	
max. channel sampling rate	100 kSps / chan	
Size (W x H x D, mm)	256 x 73 x 257	256 x 116 x 257
Weight	6,5 kg	8,0 kg
Amplifier options		
typical number of channels	16	32
configurable modules (analog and digital)	2	4
applicable I/O connectors (back) DSUB-15 / LEMO.1B	8 / 16	16 / 32
additional multi-functional module (MULTI-IO)	o	o
extension via external imc CANSAS modules	o	o
Operating conditions		
Extended temp. range (-40 .. +85 °C, incl. condensation)	●	●
Ingress protection rating	IP65	
Shock and vibration rating	MIL 810F (40g)	
Connectivity		
Ethernet	100 MBit	
W-LAN (WiFi)	o	o
Wireless UMTS, 3G, 4G	o	o
WLAN / wireless router	o	o
GPS connection port	o	o
Display connection port	●	●
Remote controlled main switch	●	●
Data Storage		
CF card slot (Compact Flash)	●	●
storage on PC	●	●
storage on network drive	o	o
hard disk (internal)	o	o
Stand Alone Capabilities		
PC independent powerful trigger functionality	●	●
onboard real-time data analysis (imc Online FAMOS)	o	o
Autarkic PC-less operation, self start (timer, absolute time)	●	●
Synchronization & Clock		
Master-Slave between different imc systems	●	●
NTP network based synchronization	o	o
via external GPS signal	●	●
via external DCF-77 signal	●	●
via external IRIG-B signal	o	o
Field Bus Extensions		
CAN	o	o
LIN, FlexRay, ARINC, J1587, MVB, XCPoE	o	o
EtherCAT slave	o	o
Kistler RoaDyn®	o	o
Power Supply		
DC input 10V to 32V	●	●
isolated power supply input	●	●
AC/DC adaptor (110 to 230VAC)	●	●
data integrity upon power fail	●	●
UPS (lead gel battery)	●	●
UPS (extended capacity Li-Ion)		(o)
Software		
imc STUDIO Standard	o	o
imc REMOTE WebServer	o	o

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