



3 to 6 phase Fluxgate Sensor Interface

All in one:
Isolated CT power supplies
Simplified connection
Multiple range selector
Optimised accuracy
Status monitor



LEM-6 Interface

A dedicated solution to multi phase high current applications
 3 to 6 Channels supporting CT's up to 495Arms(700Apk)
 Wide Bandwidth
 4x Ranges : enhancing transducer sensitivity
 Isolated Channels : Reducing cross channel coupling
 High Quality DC Supplies : Ensuring measurement stability
 19in Rack mountable
 Simple connection to Power Analyzer



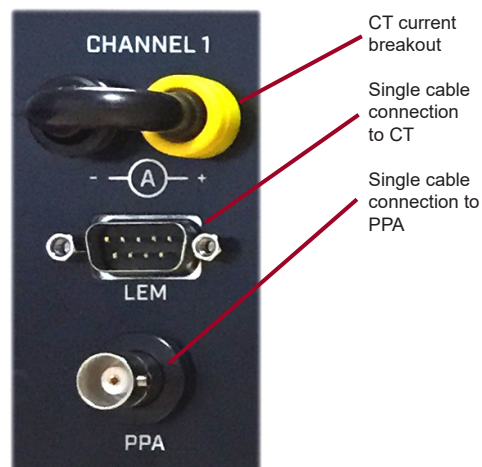
Compatible Transducers

LEM Transducers

IT 60 - S	60ADC / pk 42Arms
IN 100 - S	100Arms / DC / 150Apk
IT 200 - S	200ADC / pk 141Arms
IN 200 - S	200Arms / DC 300Apk
IT 400 - S	400ADC / pk 282Arms
IN 400 - S	400Arms / DC 600Apk
ITN 600 - S	600ADC / pk 424Arms
IT 700 - S	700ADC / pk 495Arms
ITN 900 - S	900ADC / pk 636Arms
ITN 1000 - S	1000DC / pk 707Arms

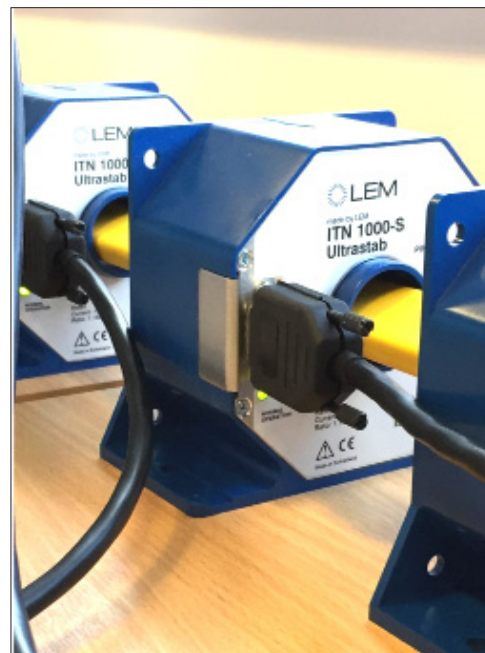
Danisense Transducers

DT 50ID	50Arms + 75Apk
DT 100ID	100Arms + 150Apk
DT 200ID	200Arms + 285Apk
DS 50ID	50Arms + 75Apk
DS 200ID	200Arms + 300Apk
DS 300ID	300Arms + 500.5Apk
DS 400ID	400Arms + 600Apk
DS 600ID	600Arms + 1000Apk



Specification

Output Voltage @ BNC connector	±3Vpk
Output Current @ 4mm Terminal	±1A dc/acpk
No of ranges / Ranges	4 / 1Ω, 2.5 Ω, 5 Ω, 10 Ω
Number of Phases	3 - 6
Accuracy	0.1%
Input Power Supply	1 phase 100 ~ 240Vrms, 50 ~ 60Hz, 6 ~ 3A (720VA max.)
Environmental	
Operational Temperature	-5 to +40°C non-condensing
Storage Temperature	-10°C to +70°C
Humidity	20 - 95% Relative Humidity non-condensing
Altitude	2,000 metres
Mechanical	
Size	2U High 540 Depth x 450 Width x 90 Height - mm
Weight	6.5 kg



All specifications at 23°C ± 5°C . These specifications are quoted in good faith but Newtons4th Ltd reserves the right to amend any specification at any time without notice.



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