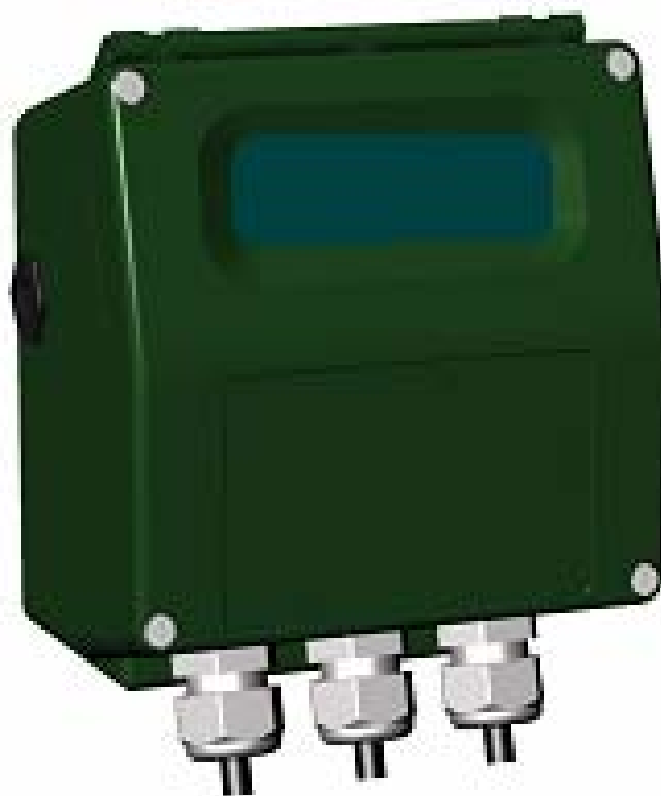


CONVERTER 4/20 mA Loop POWERED

CONVERTER

ML 51



Very compact converter supplied by 4/20 mA (two wire) ; digital output and input for pulses and alarm

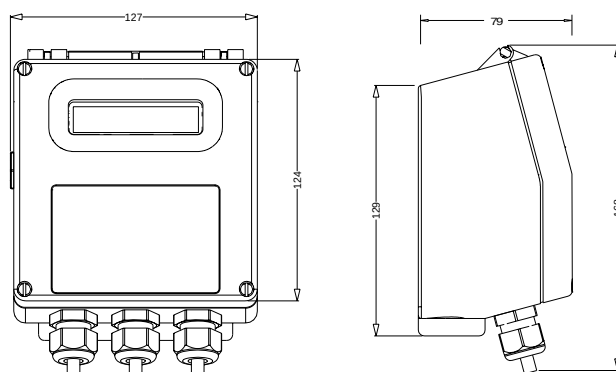
The manufacturer only guarantees the English text.
Available on our web site: www.isoil.com

TECHNICAL DATA

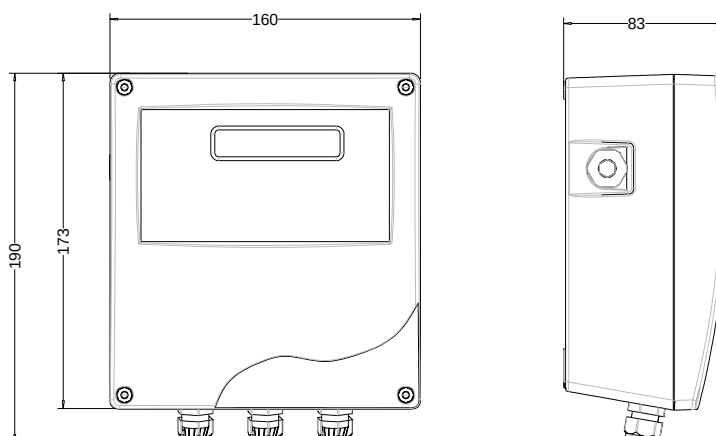
Housing material	☐ Nylon PA6 with fiber of glass / IP 65/ (opt. Aluminum IP67)
Dimensions	☐ See below drawings
Connections	☐ N° 2 Cable gland PG 11
Ambient Temperature	☐ 0... +50°C (Nylon) / -10....60°C (Aluminum)
Digital Output	☐ Programmable function (N° 1 , 50 Hz, 10mA, 40 Vdc)
Digital input	☐ Programmable function
Bi-directional	☐ Yes
FS value	☐ 0,4...10m/s
Diagnostic funct.	☐ Yes
Empty pipe detect.	☐ Yes
Programming plug in	☐ Protected plug in for the connection to PC or hand terminal
Data storage	☐ Eeprom values storing system in case of power failure
CE certification	☐ Instrument with CE certificate ☐ class I, IP 65 (67 opt.) , category of installation II
Power supply	☐ 4/20 mA current loop (19 – 33 Vdc)/12 V-13 mA (4/20 disable)
Accuracy	☐ Flow Rate (Volume) = $\pm 0,5$ % o.r.
Repeatability	☐ better than $\pm 0,5$ %
Coupling with	☐ All MS sensors up to DN 1000

OVERALL DIMENSIONS

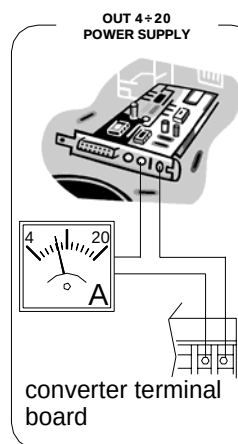
Nylon



Aluminium



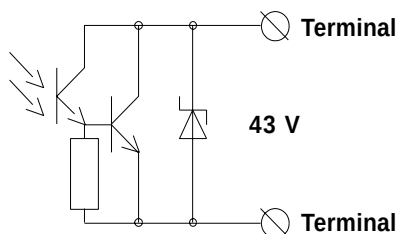
POWER SUPPLY



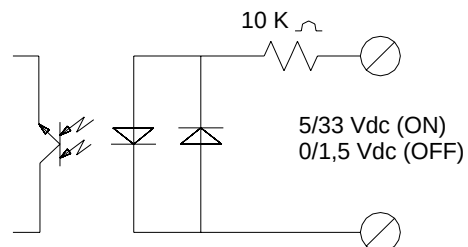
Scheme of power supply connections

DIGITAL INPUT/OUTPUT

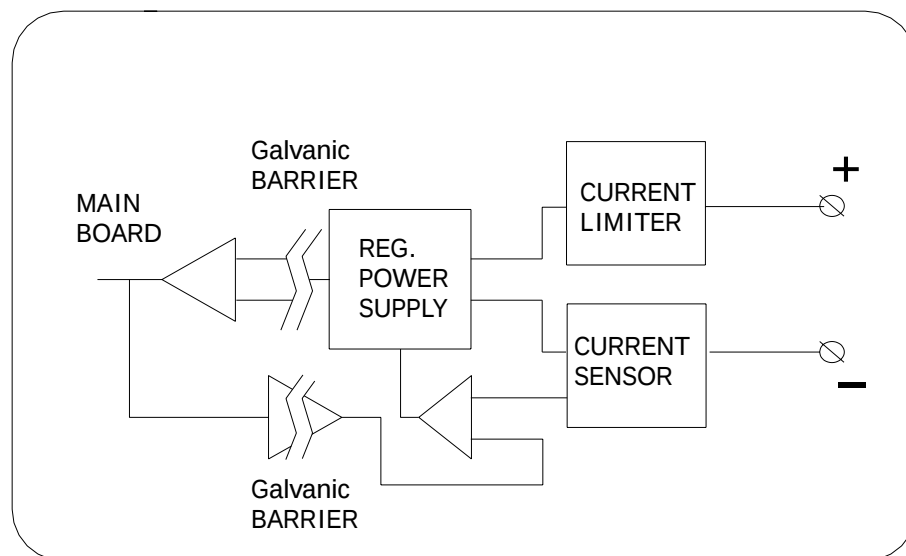
ON/OFF OUTPUT



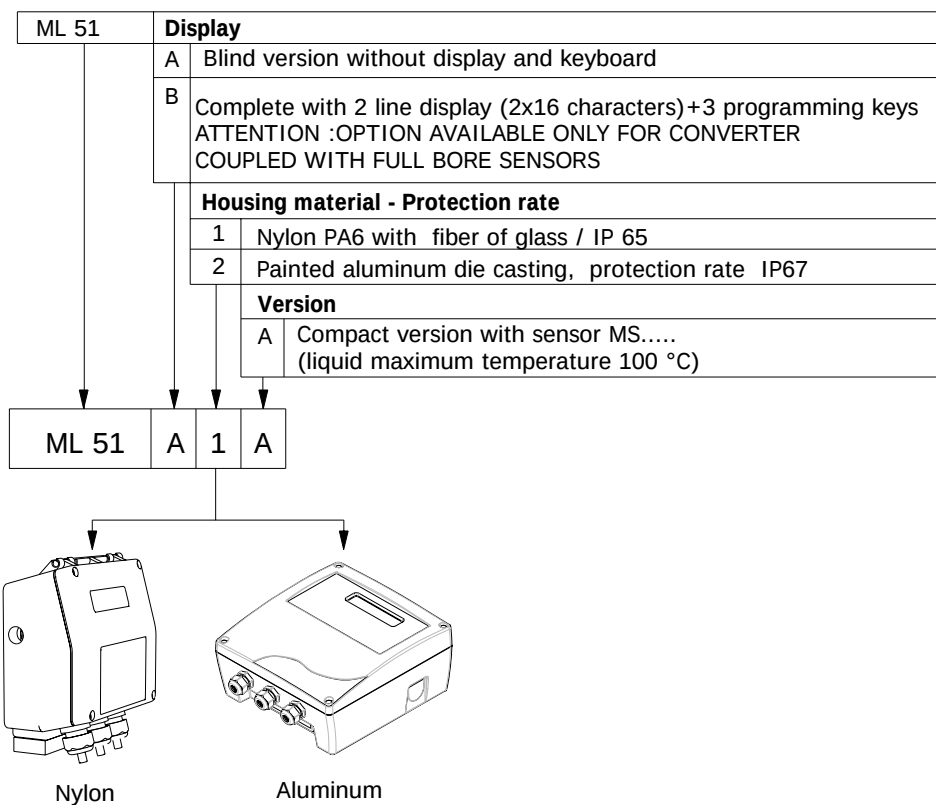
ON/OFF INPUT



SUPPLY INPUT / ANALOG OUTPUT



HOW TO ORDER



Manufacturer reserves the right to make design improvements without notice.