

Patrick

... the Particle Counter

Patrick is an optical particle monitor working according to the principle of light extinction. It may be used to precisely supervise dirtification level and purity trend of fluids. The purity class display can be switched between ISO4406:99 or SAE AS4059E.



Technical Data

Max. operation pressure	420 bar (dynamic) / 600 bar (static)
Fluid operation temperature	-20 ... +80 °C
Environmental temperature / humidity	-20 ... +80 °C / 0 ... 95 %
Storage temperature / humidity	-20 ... +85 °C / 0 ... 95 %
Pressure fluids	Mineral and esther fluids, Polyalphaolefines
Wettened materials / sealing material	High-grade steel, Sapphire, Kalrez, PTFE
Power supply	9 ... 36 VDC
Current consumption	65 ... 180 mA (due to supply voltage)
Current output	4 ... 20 mA
Interfaces	RS 232, CANopen
Alarm contact	potential-free contact
Fluid connector	¼", Minimes 1620
Elektrical connector	8-pole plug, M12 x 1
Allowed volume flow	50 ... 500 ml/min
Measuring range	4 ... 25 (purity grade acc. to ISO 4406:99)
Measuring accuracy	± 0.5
Order number	3160-00-76.00