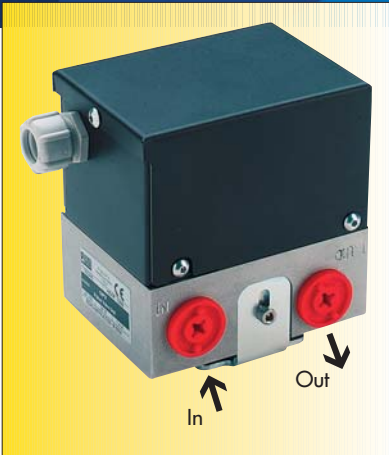
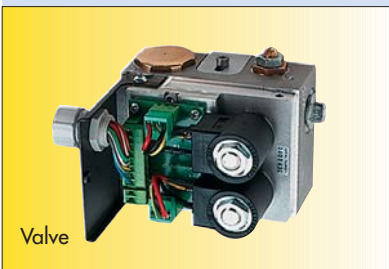


ELECTRONIC FLOW METERS

GPV Pulse/Valve Unit



Filter



Valve

THIS COMPONENT IS FOR INSTALLATION ALONG THE SUPPLY LINES FEEDING THE PUMPS IN A CENTRALISED OIL (OR OTHER FLUID) DISTRIBUTION SYSTEM. IT COMBINES THE FUNCTIONS OF AN ON/OFF VALVE WITH THOSE OF A FLOW METER. THIS UNIT SIMPLIFIES THE REALISATION OF A REFUELLING SYSTEM BECAUSE WITH A SINGLE HYDRAULIC COUPLING AND AN ELECTRIC CONNECTION YOU CAN INSTALL ALL THE COMPONENTS NEEDED TO REGULATE THE FLOW OF FLUIDS.

PERFORMANCE SPECIFICATIONS

- POWER SUPPLY: 24 V AC, 12 V DC, 24 V DC
- FLOW RATE (RANGE): 2 ÷ 30 L/MIN (0.5 ÷ 7.9 GAL/MIN)
- VISCOSITY (RANGE): 9 ÷ 5000 cSt
- MAX OPERATING PRESSURE: 70 BAR (994 PSI)
- BURSTING PRESSURE: 140 BAR (1880 PSI)
- HEAD LOSS: 4.8 BAR (16 L/MIN WITH SAE W80/20° OIL)

- ACCURACY: ± 0.5% OF FLOW RANGE AFTER CALIBRATION
- OPERATING TEMPERATURE (RANGE): -5°C ÷ 40°C
- HUMIDITY: 10% ÷ 90% (MAX)
- FILTER MESH: 150 MICRONS
- COMPATIBLE FLUIDS: OIL, ANTI-FREEZE

TECHNICAL FEATURES

- ALUMINIUM CASING, 1/2" INLET, 1/2" OUTLET
- WIRE MESH FILTER, EASY TO ACCESS FOR CLEANING
- MONOSTABLE VALVES (STABLE POSITION: SHUT). THE GPVS MODEL COMES WITH A SINGLE VALVE, THE GPV MODEL HAS 2 VALVES, ONE OF WHICH FOR REDUCED FLOW RATES
- OVAL-GEAR METERING SYSTEM (ACETALIC RESIN GEARS)
- SINGLE-CHANNEL PULSES. DOUBLE-CHANNEL VERSION ALSO AVAILABLE
- "CLEAN CONTACT" PULSES
- IP23 CASING PROTECTION
- SPECIAL VERSIONS FOR OTHER FLUIDS



Easy Installation

TECHNICAL INFORMATION

CODE

Description	Supply Tension	No. Valves	Weight Kg	Package Dimensions mm	CODE
GPV 12 Vdc	12 Vdc	2	3	230x120x150	445080
GPV 24 Vdc	24 Vdc	2	3	230x120x150	445000
GPVS 24 Vac	24 Vac	1	2.8	230x120x150	445060
GPVS 12 Vdc	12 Vdc	1	2.8	230x120x150	445090
GPVS 24 Vdc	24 Vdc	1	2.8	230x120x150	445020
GPVS 24 Vdc Windscreen	24 Vdc	1	1	230x120x150	445160