

PARKER 减压阀 IR4004S2K4PXX4B

产品名称	PARKER 减压阀 IR4004S2K4PXX4B
公司名称	上海必特数码科技有限公司
价格	面议
规格参数	品牌: 材质:不锈钢 型号:IR4004S2K4PXX4B
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产品详情

parkerhannifin corporation ' s veriflo division presents the ir4000 series internally threadless pressure regulator for instrument/analyzer and semiconductor applications. the internal threadless design minimizes purge times, and reduces carrier and calibration gas usage. the ir4000's seat materials meet the requirements for corrosive and/or higher temperature media requirements.

instrument applications include gas management systems in petrochemical/refineries and process analyzer systems. semiconductor applications include general purpose gas management (air, clean dry air (cda), and plant nitrogen).

the ir4000 is a high pressure regulator that canbe ordered with a variety of options to meet a wide range of system design requirements.

materials of constructionwettedbody. 316l stainless steel,. hastelloy c-22®, monel®compression member. inconel®diaphragm hastelloy c-22®poppet elgiloy®poppet spring inconel®carrier. stainless steel*, hastelloy c-22®back-up washer. hastelloy c-22®seat. pctfe, peek™ or vespel®back-up o-ring viton®, optional teflon®inlet screen/filter. 316l stainless steel,. hastelloy c-22® (hastelloy®, monel® bodies)non-wettedcap nickel plated brass,. optional stainless steelnut. 316 stainless steel, nickel plated brass † † knob (black) abs plasticoperating conditionsmaximum inlet 4000 psig (276 barg)outlet. . . 1-10 psig † (.7 barg), 2-30 psig (2 barg),. 3-60 psig (4 barg), 4-100 psig (7 barg),. 5-250 psig (17 barg), 10-500 psig (35 barg)

temperature:pctfe. -40 ° f to 150 ° f (-40 ° c to 65 ° c)peek™ -40 ° f to 275 ° f (-40 ° c to 135 ° c)vespel® -40 ° f to 500 ° f (-40 ° c to 260 ° c)functional performanceflow capacity:standard. cv = .06optional cv = .02, .15 † (semi flow coefficient test #f-32-0998)design proof pressure 6000 psig (414 barg)design burst pressure 12000 psig (828 barg)maximum

inboard design leak rate < 2 x 10⁻⁸ scc/sec
supply pressure effect: .02 cv 23 psig
per 100 psig. (.016 barg per 7 barg)
.06 cv6 psig per 100 psig. (.04 barg
per 7 barg).15 cv 1.5 psig per 100 psig. (.1 barg per 7 barg)
internal volume 4.0 cc
without fittings
approximate weight 1.5 lbs (.7 kg)*
proprietary carpenter stainless steel with corrosion resistance
equal or better than 316 stainless steel. † refer to range table for specific information. † † nickel plated brass for pctfe seat.

unique patented compression member loads the seal to the body without requiring a threaded nozzle or additional seals to atmosphere.

selection of seat materials for media compatibility and temperature applications.
meets nace standard mr0175.o2 cleaned. fully swept design. internally threadless seat design promotes long seat life.

convoluted, hastelloy c-22® diaphragm provides high corrosion resistance and increases cycle life.

positive upward and downward stops increases cycle life by preventing over stroking of the diaphragm.
low internal volume reduces cycle and purge time. captured bonnet allows for safety venting.
standard units can be dome loaded (with clean dry air or nitrogen).
the use of inconel®, hastelloyc-22®, and elgiloy® provide superior corrosion resistance and high repeatability.
close tolerances and tight alignment of moving components minimize hysteresis.
unique carrier design disperses gas uniformly through the regulator to improve purging.

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