

A-4000-120, -121

Oil Indicator

Description

The Oil Indicator detects aerosol-mist levels of oil entrainment that may be present in compressed air systems. Any oil present in the air causes a proportional color indication on a cartridge installed on the needle valve fitting. A conversion chart is included to determine the parts per million (PPM) value of the oil entrainment indicated on the cartridge.

Refer to *A-4000 Oil Indicator Product Bulletin (LIT-1921140)* for important product information.

Selection Chart

A-4000-120, -121 Oil Indicator

Code Number	Description
A-4000-120	Oil Indicator and Needle Valve
A-4000-121	Replacement Cartridge

Note: This device is not to be used in applications requiring FDA approval.

Repair Information

If the A-4000-14, -15, -155 Intake Air Filter fails to operate within its specifications, replace the unit. For a replacement air filter, contact the nearest Johnson Controls® representative.

Technical Specifications

A-4000-120, A-4000-121 Oil Indicator	
Line Pressure	10 to 125 psig (70 to 875 kPa)
Measurement Flow	2 scim/psig (0.08 mL/s/kPa)
Lowest Concentration of Oil Entrainment Measured	0.01 PPM (0.012 mg/m)



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CAUTION: If the pressure exceeds 125 psig or if the retaining nut is loosened, the oil indicator tube could blow out of the compression fitting, creating a hazardous condition.