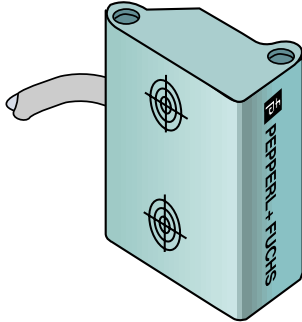


P+F Kriterion™ Sensor

Inductive Proximity Sensor (Intrinsically Safe)



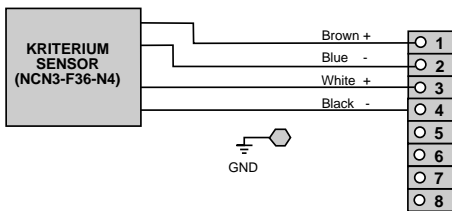
This dual sensor is designed to meet the parameters for the V3 style miniature electro-mechanical switches with button-type plunger. With the same mounting dimensions it is a viable alternative to mechanical switches.

This sensor is available in NAMUR output which makes it ideal for use on control valves, actuators or other equipment which may be located in potentially explosive atmospheres and, therefore, needs to be Intrinsically Safe.

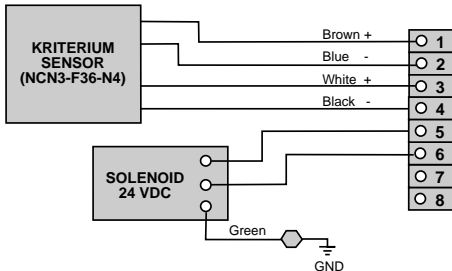
Technical Data

Nominal Sensing Range	3mm
Hysteresis	Approx. 5%
Repeatability	≤ 0.01mm
Switching Frequency	1.5 KHz
Nominal Input Voltage	8 VDC
Input Voltage Range	5 - 25 VDC
Current Consumption/ Output	Cam Trigger Present ≤ 1 mA Cam Trigger Absent ≥ 3 mA
Operating Temp. Range	-25°C to 100°C
Protection Class	IP68
Shock	≤ 30g, T ≤ 11ms
Vibration	f ≤ 55 Hz, @ 1mm Amplitude
Applied Standard	DIN 19234 (NAMUR)
Approvals	FM, CE, PTB
Connection Method	Cable, PVC Blue, 4 Conductor, 254 mm (10 inch) Black, Brown, Blue, White

P+F Kriterion Sensors with 6 Point Terminal Strip



P+F Kriterion Sensors with 24 VDC Solenoid & 6 Point Terminal Strip



DIMENSIONS (mm)

