

# Atex induct. detector Ø18 short 8mm nf conn. m12



**Product codes:**

Reference:  
PC403-00011  
EAN13: -  
UPC: -

**Product attributes:**

**Product description:**

ATEX Proximity Detectable Sense Detector 8mm NAMUR Output Connector M12 Technical characteristics: Switch function Normally closed (NC) NAMUR output type with nominal range sn 8 mm Flush mount Working range 0 ... 6,48 mm Actual range sr 7.2 ... 8.8 mm typ. 8 mm Reduction factor rAl 0.39 Reduction factor rCu 0.36 Reduction factor r1.4301 0.71 2-wire output type Characteristic values Rated operating voltage Uo 8.2 V (Ri approx 1 k?) Switching frequency f 0 ... 1500 Hz Differential travel H 1 ... 15 typ. 5% Protection against reverse polarity protection Short circuit protection yes Suitable for 2: 1 technique Yes, Reverse polarity protection diode not required Current consumption Measuring target not detected ? 2.2 mA Measuring target detected ? 1 mA Switching status display LED yellow, visible 360 ??° Characteristic values ??for security functional MTTFd 2660 a Mission Duration (TM) 20 a Diagnosis coverage (CD) 0% Surrounding conditions Ambient temperature -25 ... 100 ° C (-13 ... 212 ° F) Storage temperature -40 ... 100 ° C (-40 ... 212 ° F) Mechanical characteristics Connection type Connector M12 x 1, 4-pin Housing material Stainless steel 1.4305 / AISI 303 PBT sensitive face Degree of protection IP66 / IP67