

UNS-PA16-PA18

Description

Level Switches made of **Polyamid** especially for applications in aggressive media, **side mounting**, M 16 x 2, 1/2" NPT mounting thread, 1 switch contact

Applications

General level measurement at tanks and containers,
Chemical and pharmaceutical industries, Galvanic coating



- All
- Features
- **Technical specifications**

Technical specifications

Overview

Model	UNS-PA16-PA18 UNS-PA1/2"NPT-PA18
Mounting Position	Side mounted
Stem Material	Polyamide 6.6
Mounting Element	M 16 x 2 mm 1/2" NPT, G3/4"
Float	Ø = 18 mm
Float Material	Polyamide 6.6
Min. Fluid Specific Gravity (g/cm ³)	0.7
Max. Pressure (bar)	5
Max. Temperature	60 / 120 °C
Contact Mode	NO / NC
Contact Rating	60 VA/W
Option	on request
Approval	on request, see www.barksdale.de

Order code

Type Contact	Contact Mode	Cable Type/Length	Order Number
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UNS-PA16/PA18	NO (NC)	PVC / 1 m	0111-199
UNS-PA 1/2" NPT-PA18	NO (NC)	PVC / 1 m	0111-203

Technical Data

Float and Fitting	Polyamide 6.6 (colour: blue)
Gasket	Silicone (at M 16 x 2.0 AG)
Mounting Element	PA16 = Polyamide, M 16 x 2.0 AG (Mounting thread with silicone gasket) PA1/2" NPT = Polyamide, 1/2" NPT Thread
Float	PA18 = Polyamide, $\phi = 18$ mm
Max. Operating Pressure	5 bar (depends on temperature)
Max. Operating Temperature	-20 °C...+120 °C (Medium) -20 °C...+60 °C (Ambient)
Min. Fluid Specific Gravity	0,70 g/cm ³
Mounting Position	Horizontal
Protection Class	IP54
Electrical Connection	PVC-cable, max. 2 x 0,34 mm ² , 1 m length
Contact Mode	1: SPST-switch (NO) (Marking on top / arrow down) 2: SPST-switch (NC) (Marking on bottom / arrow up)
Contact Rating	230 V AC/DC / 3,0 A / 60 VA/W
Weight	appr. 40 g
Max. Starting Torque	2,67 Nm Only UNS-PA16-PA18