

Technical data sheet

Stainless Steel Hygienic Fittings for Food and Beverage Applications

LUTZE FBP FITTINGS



Identification

Type FBP Fitting NPT 1/2"
Part No. [FHNPT12](#)

Product version

Datasheet version 00

Use/Application/Properties

Properties	• Designed for the demanding requirements of food, beverage, and drug processing applications • Made with food contact approved materials in conformance with 21 CFR 177.2600 • Smooth finish prevents microbial build-up • IP69 high-pressure washdown resistance • Integrated strain relief • Wide sealing and clamping range • 360° shield termination • Adapts to different size cable shields • Contact spring made of special copper alloy providing low contact resistance
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Technical data

Clamping range D	6 mm – 12 mm
Clamping range D	0.236 inch – 0.472 inch
Temperature range	-20 °C ... +100 °C -4 °F ... +212 °F
Intermittent temperature range	-40 °C ... +150 °C -40 °F ... +302 °F
Degree of protection	Type 4X UL50E IP69 EN 60529
Thread form	NPT
Thread standard	NPT ANSI B1.20.1
Thread G	NPT 1/2"
TL	11 mm
H	30.5 mm

USA: LUTZE INC.

13330 South Ridge Drive • Charlotte, NC 28273, USA
Tel. +1 (704) 504-0222 • Fax +1 (704) 504-0223
www.lutze.com • info@lutze.com

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SWC	28 mm
SWB	13 mm

Construction

Material	Steel, stainless EN 1.4305 / AISI 303
Material seal	EPDM
Material clamping insert	POM
Material contact spring	Special copper alloy

Approvals/Standards

Approvals	cULus
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Dimensions

