Technical data sheet

Stainless Steel Hygienic Fittings for Food and Beverage Applications

LUTZE FBP FITTINGS



Identification

Type	FBP Fitting M16
Part No.	FHM16

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

Technical data

Clamping range D	5 mm – 10 mm
Clamping range D	0.196 inch – 0.393 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	metric
Thread standard	metric acc. to EN 60423
Thread G	M16×1.5
TL	7 mm
H	26.5 mm

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SWC	18 mm
SWB	10 mm

Construction

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

Approvals/Standards

Approvals	cURus

Dimensions

