

Barksdale Flow Switches, BFS 10-N/BFS 10-O



BFS 10-N (without indication)				
Measuring principle	Variable area flow meter			
Materials: Var. area flow meter: Spring: Fitting: Housing: Magnets:	Brass version (MS) Brass 1.4571 Brass, nickel-plated Brass, nickel-plated Ferrite		Stainless steel version (SS) 1.4571 1.4571 1.4571 1.4571 Ferrite	
Operating pressure: BFS-10-N G1/4: BFS-10-N G1/2: BFS-10-N G1:	Brass 300 bar 300 bar 250 bar	MS GL 100 bar 100 bar 100 bar	SS 350 bar 350 bar 300 bar	Pressure drop 0.02...0.2 bar 0.02...0.3 bar 0.02...0.4 bar
Operating temp.:	100 °C (standard), 160 °C (option HT)			
Accuracy:	±10% f. s.			
Electrical connection:	plug acc. to DIN EN 175301-803 (formerly DIN 43650C)			
Contact rating: BFS-10-N G1/4 BFS-10-N G1/2 BFS-10-N G1	200 V / 1 A / 20 VA 200 V / 1 A / 20 VA 230 V / 3 A / 60 VA 250 V / 1.5 A / 50 VA 250 V / 3 A / 100 VA 250 V / 1.5 A / 50 VA		(NO) (SPDT) (NO) (SPDT) (NO) (SPDT)	
Protection class:	IP65 (plug acc. to DIN EN 175301-803 formerly DIN 43650C) IP67 (with moulded cable)			
Approvals:	e.g. ATEX, GL, BV,... see www.barksdale.de			



BFS 10-N (with optical indication)				
Measuring principle	Variable area flow meter			
Materials: Var. area flow meter: Spring: Fitting: Display Housing: Glass: Magnets:	Brass version (MS) brass 1.4571 brass, nickel-plated aluminum, anodized Duran 50 ferrite		Stainless steel version (SS) 1.4571 1.4571 1.4571 aluminum, anodized Duran 50 1.4571	
Operating pressure: BFS-10-N G1/4: BFS-10-N G1/2: BFS-10-N G1:	Brass 16 bar 16 bar 16 bar		SS 16 bar 16 bar 16 bar	Pressure drop 0.02...0.2 bar 0.02...0.3 bar 0.02...0.4 bar
Operating temp.:	100 °C (standard), 160 °C (option HT)			
Accuracy:	±10% f. s.			
Electrical connection:	plug acc. to DIN EN 175301-803 (formerly DIN 43650C)			
Contact rating: BFS-10-N G1/4 BFS-10-N G1/2 BFS-10-N G1	200 V / 1 A / 20 VA 200 V / 1 A / 20 VA 230 V / 3 A / 60 VA 250 V / 1.5 A / 50 VA 250 V / 3 A / 100 VA 250 V / 1.5 A / 50 VA		(NO) (SPDT) (NO) (SPDT) (NO) (SPDT)	
Protection class:	IP65 (plug acc. to DIN EN 175301-803 formerly DIN 43650C) IP67 (with moulded cable)			
Approvals:	e.g. ATEX, see www.barksdale.de			