

TELEFLO® Model 816BC

Flow Switch



The TELEFLO Model 816BC is a rugged, low-cost flow switch for oil/water applications, protecting costly equipment in mining, power generation, steel/aluminum mills, and pulp & paper industries. With 70+ years protecting thousands of installations, its factory-preset no-flow trigger and pointer dial provide visual flow confirmation (not measurement). Designed for demanding environments, it connects to relays/lights for alarms without calibration, ensuring simple, durable operation against flow loss.

Part #	Model #	Inlet/Outlet Connections	Factory Switch Setpoint ¹ 150 SSU (ISO 32)		Flow Rate Indicating Range ²		Weight	Dimensions (L x W x H)	
			Oil	Water	gpm	lpm		in	mm
51B22	816BC-½	NPT ½ in	2.5 gpm (9.5 lpm)	6 gpm (23 lpm)	2 to 18	8 to 106	5 lbs (2.5 kg)	3.63 x 2.94 x 3.38	92 x 75 x 86
51B05	816BC-¾	NPT ¾ in	4.5 gpm (17 lpm)	8 gpm (30 lpm)	4 to 32	16 to 121	5 lbs (2.5 kg)	3.75 x 3.5 x 3.38	95 x 83 x 86
51B06	816BC-1	NPT 1 in	7 gpm (27 lpm)	10 gpm (36 lpm)	6 to 60	23 to 227	8 lbs (4 kg)	3.25 x 3.5 x 3.38	83 x 83 x 86
51B08	816BC-1½	NPT 1½ in	9 gpm (34 lpm)	12 gpm (45 lpm)	8 to 70	31 to 265	8 lbs (4 kg)	4.75 x 4.25 x 3.38	121 x 108 x 86
51B09	816BC-2	NPT 2 in	11 gpm (42 lpm)	14 gpm (53 lpm)	10 to 75	38 to 285	13 lbs (8 kg)	6.5 x 5.0 x 4.5	165 x 127 x 114

Specifications

Materials of Construction	Heavy Duty Aluminum Housing, Aluminum and Clear Acrylic Plastic Elastomers: Viton and Garlock 7022
Maximum Operating Pressure	125 psig @ 150° F 8.79 kg/cm² @ 65° C
Operating Temperature Range	-10° F to 200° F -25° C to 93° C
Switch	Single-pole, double-throw (SPDT) switch Switch Actuation: 2nd graduation mark on scale (approximately) Contact Rating: 15/7 amps at 120/240 VAC Conduit Connection: ½ inch NPT female

Features

- Ease of use
- Heavy duty aluminum construction
- Fluid flow indication
- NEMA 4 enclosure

1. Flows below this setpoint may not show indication on the scale. It is not recommended to apply the 816BC for flows below the switch setpoint.
2. The flow range is an approximate range based upon 150 SSU (ISO 32) oil at 100° F. The range should be used as guide.



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