

G Series Precision ACCESSORIES

Magnetic Pickups



When choosing a magnetic pickup, the turbine meter and electronics are generally already known. Electronics can be either Local or Remote. Remote electronics include FLOMEC® Remote Displays or output to customer supplied equipment. Follow these 3 steps when choosing a magnetic pickup then see the Specification Table for further details.



1
Select your size:
1/2 inch or
3/4 to 3 inch



2
Choose: Local or Remote/Output
Local uses a wire lead pickup.
Remote/Output requires a connector.



3
What's your signal type:
Sine Wave or Square Wave
Sine Wave - has no sensor power, can be used with battery powered displays.
Square Wave - sensor power is required.

1/2 INCH METER SIZES

Magnetic Pickups work with...

Description	Part Number	Sensor Power	Temperature Range	Cable Type	Connector Required	Cable Length	Thread Size	Magnetic Pickups work with...		
								Local	Remote	Battery Pwr Display
Wire Lead Low Drag	81006001	None	-100° F to +250° F (-73° C to +121° C)	None	None	12 in. (305 mm)	5/8" - 18	X		Yes
Low Drag	81006000	None	-100° F to +250° F (-73° C to +121° C)	S	80001200	N/A	5/8" - 18		X	Yes
High Temp., Low Drag (10 ft. cable)	81007001	None	-450° F to +800° F (-268° C to +426° C)	None	None	10 ft. (244 mm)	5/8" - 18		X	Yes
* RF (required for GNP-050, GTP-050 & GSCP-050)	81005002	7-30V (dc)	-40° F to +248° F (-29° C to +120° C)	D	80001202	N/A	5/8" - 18		X	No

3/4 TO 3 INCH METER SIZES

Wire Lead Standard	81003000	None	-100° F to +250° F (-73° C to +121° C)	None	None	12 in. (305 mm)	5/8" - 18	X		Yes
Standard	81001000	None	-100° F to +250° F (-73° C to +121° C)	S	80001200	N/A	5/8" - 18		X	Yes
Herm / High Temperature	81002000	None	-450° F to +258° F (-268° C to +125° C)	S	80001200	N/A	5/8" - 18		X	Yes
High Temperature, Standard	81007000	None	-450° F to +800° F (-268° C to +426° C)	None	None	3 ft. (910 mm)	5/8" - 18		X	Yes
▲* Digital (Di-Mag)	81004000	5-32V (dc)	-40° F to +248° F (-29° C to +120° C)	D	80001202	N/A	5/8" - 18		X	No

▲ Pulls up to 10 V (dc) (Max) * Externally powered pickups for pulse output only.

Pickup Enclosures

Pickup Enclosures are optional on G Serie Meters. Choose from four pickup enclosures. Models N4A and N4S are weather-proof enclosures.



ENCLOSURES – PART NUMBERS

Description	Part Number
N4AWP - Weatherproof magnetic pickup steel enclosure	80001101
N4SWP - Weatherproof magnetic pickup 316 S.S. enclosure	80001105

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Connectors



Connectors are included with FLOMEC® cable assemblies. If you need replacement connectors, choose from the following:

CONNECTORS – PART NUMBERS	
Description	Part Number
Standard mating connector (2 pin) used on Type S and T cable assemblies	80001200
Water resistant connector (2 pin) used on Type H cable assembly	80001201
Di-Mag connector (3 pin) used on Type D cable assembly	80001202

Cable Assemblies



FLOMEC® Cable Assemblies include the connector.

CABLE ASSEMBLY – PART NUMBERS			
Type “S” Standard Cable (2 Conductor)		Type “H” Water Resistant (2 Conductor)	
Cable Length	Part No.	Cable Length	Part No.
8 in. (207 mm)	83001001	8 in. (207 mm)	83003001
5 ft. (1.52 m)	83001005	5 ft. (1.52 m)	83003005
10 ft. (3.04 m)	83001010	10 ft. (3.04 m)	83003010
15 ft. (4.57 m)	83001015	15 ft. (4.57 m)	83003015
20 ft. (6.09 m)	83001020	20 ft. (6.09 m)	83003020
25 ft. (7.62 m)	83001025	25 ft. (7.62 m)	83003025
30 ft. (9.35 m)	83001030	30 ft. (9.35 m)	83003030
40 ft. (12.19 m)	83001040	40 ft. (12.19 m)	83003040
50 ft. (15.24 m)	83001050	50 ft. (15.24 m)	83003050
75 ft. (22.86 m)	83001075	75 ft. (22.86 m)	83003075
100 ft. (30.48 m)	83001100		
125 ft. (38.1 m)	83001125		
Type “D” Di-Mag or RF (3 Conductor)		Type “T” High Temperature (2 Conductor)	
Cable Length	Part No.	Cable Length	Part No.
8 in. (207 mm)	83002001	8 in. (207 mm)	83004001
5 ft. (1.52 m)	83002005	5 ft. (1.52 m)	83004005
10 ft. (3.04 m)	83002010	10 ft. (3.04 m)	83004010
15 ft. (4.57 m)	83002015	15 ft. (4.57 m)	83004015
20 ft. (6.09 m)	83002020	20 ft. (6.09 m)	83004020
25 ft. (7.62 m)	83002025	25 ft. (7.62 m)	83004025
30 ft. (9.35 m)	83002030	30 ft. (9.35 m)	83004030
40 ft. (12.19 m)	83002040	40 ft. (12.19 m)	83004040
50 ft. (15.24 m)	83002050	50 ft. (15.24 m)	83004050
75 ft. (22.86 m)	83002075	75 ft. (22.86 m)	83004075

For display and electronic choices, see Electronics Choice Section beginning on page 65.