

## Kobold Target-Type Flow Sensor

- 1.5-8 to 225-500 GPM Water,
- Bronze and Stainless Bodies
- Variety of Wetted Materials
- Line Sizes 3/8" to 3" NPT
- Compact LED display with switch and 4-20 mA flow transmitter



**DPT-C** ▲

Standard Ranges (specify bronze or stainless body):

Fitting	GPM water
3/8" NPT	1.5-8 3-12.5
1/2" NPT	1.5-8 3-18
3/4" NPT	1.7-15 5-25
1" NPT	5-20 20-35
1 1/2" NPT	15-45 25-60
2" NPT	25-120 40-200
3" NPT	175-400 225-500

### SPECIFICATIONS

Flow Range, Liquids:	1.5-8 GPM through 225-500 GPM water
Accuracy:	±3% of full scale
Repeatability:	±1% of full scale
Straight Pipe Required:	Inlet: 10 X Diameter Outlet: 5 X Diameter
Operating Temperature:	-10 to 176°F
Maximum Pressure:	580 PSIG @ 70°F
Wetted Materials:	
Bronze Versions:	Bronze, 316-Ti stainless steel, buna-N, ceramic
Stainless Versions:	316-Ti stainless steel, viton, ceramic
Programmable Functions:	Lockout code, switch logic, switch setpoint and hysteresis, dampening
Input Power:	24 VDC ±20%, 80 mA Max.
Display:	3 digit LED
Switch Type:	PNP open collector
Switch Rating:	300 mA Max. short circuit protected
Analog Output:	4-20 mA, 3-wire, RL=500 Ohms Max.

## Westcon Photoelectric Sensors

- Designed to NEMA 6 / IP67
- Visible Narrow Beam for Small Object Detection
- Input 10-30 VDC, Dual Output (PNP & NPN)
- Separate Power and Signal LEDs
- PICO Style Quick Disconnect or 6" Pig Tail Available

**W7703** ▲



- Designed to NEMA 6 / IP67
- Background Suppression
- Light-ON and Dark-ON Operate (Switch Selectable)
- Highly visible Power and Output LEDs
- Small Object Detection
- Maximum Sensing Distance: 4", 6" or 8"

**W7706** ▲



- Small footprint, M18 Compatible Housing
- Visible Narrow Beam for Small Object Detection
- Easy Setup
- Separate Power and Signal LED's
- Retroreflective or Diffuse



**W7708** ▲

### SPECIFICATIONS

OPERATION	Polarized Retroreflective (Model 3BR) Retroreflective or Diffuse (Model 3AR)
DETECTION RANGE	Up to 160 ft. (48.8m) - Retroreflective Up to 12" (30.5cm) - Diffuse
OUTPUT	Bi-Polar PNP/NPN
RESPONSE TIME/ FREQUENCY	<2mS / >500Hz
VOLTAGE REQUIREMENTS	10 to 30 VDC

### SPECIFICATIONS

OPERATION	Convergent Beam
DETECTION RANGE	4 in., 6 in., 8 in. (10.16, 15.2, 20.3cm)
OUTPUT	Bi-Polar PNP/NPN
RESPONSE TIME/ FREQUENCY	<2mS / >500Hz
VOLTAGE REQUIREMENTS	10-30 VDC

### SPECIFICATIONS

OPERATION	Polarized Retroreflective Retroreflective or Diffuse
DETECTION RANGE	Up to 160 ft. (48.8m)- Retroreflective Up to 12" (30.5cm)- Diffuse
OUTPUT	Bi-Polar PNP/NPN
RESPONSE TIME/ FREQUENCY	<2mS / >500Hz
VOLTAGE REQUIREMENTS	10 to 30 VDC

### ORDERING INFORMATION

	770 3AR	04	N	3	B	QP
BASIC MODEL	3AR					
3AR	Retro-reflective/Diffuse					
3BR	Polarized					
OPERATION		04				
04	Switch selectable (light on/dark on)					
POWER			N			
N	10 - 30 VDC					
BEAM TYPE				3		
3	Laser					
OUTPUT					B	
B	Bi-Polar (NPN & PNP)					
FEATURES						QP
QP	Quick Disconnect Standard (PICO M8 4 Pin)					
K	Special					
PT	Pig Tail 6" standard (Micro 4 Pin)					

### ORDERING INFORMATION

	770 6AD	04	N	3	B	QP
BASIC MODEL	6AD					
6AD	Diffuse					
OPERATION		04				
04	Switch selectable (light on/dark on)					
POWER			N			
N	10 - 30 VDC					
BEAM TYPE				3		
3	Laser (Convergent)					
OUTPUT					B	
B	Bi-Polar (NPN & PNP)					
FEATURES						QP
QP	Quick Disconnect Standard (PICO M8 4 Pin)					
K	Special					

### ORDERING INFORMATION

	770 8AR	04	N	3	B	QP
BASIC MODEL	8AR					
8AR	Retroreflective					
8BR	Polarized Retroreflective					
OPERATION		04				
04	On/Off					
POWER REQUIREMENTS			N			
N	10 - 30 VDC					
BEAM TYPE				3		
3	Laser					
OUTPUT					B	
B	Bi-Polar (NPN & PNP)					
FEATURES						QP
QP	Quick Disconnect Standard (PICO M8 4 Pin)					
K	Special					
PT	Pig Tail 6 in. Standard (micro 4 pin)					