Series IO F77

The world's most advanced sub-miniature ultrasonic sensor

SeriesIO

Features

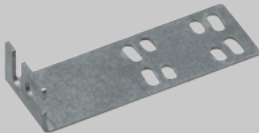|						
Pushbutton & software configurable	4-in-1 switch point output	Analog current or voltage output	IO-Link compatibility	10 unique beam angle settings	Small deadband	Unaffected by dirt and dust
Immune to acoustic interference	Selectable output modes and logic	Filtering algorithms	Intelligent blanking of unwanted echoes	Synchronization input	IP67 protection rating	Cost effective

General Specifications

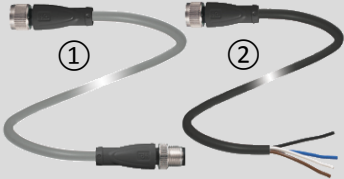| Image	Model Number	Sensing Range	Output	Connection
Dimensions: 23 x 12 x 31 mm	UC250-F77-EP-IO-V31	20 - 250 mm	4-in-1 Switch Point	M8 Integral (V31 type)
	UC400-F77-EP-IO-V31	30 - 400 mm	4-in-1 Switch Point	M8 Integral (V31 type)
	UC250-F77-IU-IO-V31	20 - 250 mm	Analog (Current or Voltage)	M8 Integral (V31 type)
	UC400-F77-IU-IO-V31	30 - 400 mm	Analog (Current or Voltage)	M8 Integral (V31 type)
Dimensions: 23 x 12 x 31 mm	UC250-F77-EP-IO-0,2M-V31	20 - 250 mm	4-in-1 Switch Point	200 mm Length M8 Pigtail (V31 type)
	UC400-F77-IU-IO-0,2M-V1	30 - 400 mm	Analog (Current or Voltage)	200 mm Length M12 Pigtail (V1 type)
Dimensions: Base: 23 x 12 x 31 mm Snout: M18 x 1 x 8 mm	UC800-F77S-EP-IO-V31	60 - 800 mm	4-in-1 Switch Point	M8 Integral (V31 type)
	UC800-F77S-IU-IO-V31	60 - 800 mm	Analog (Current or Voltage)	M8 Integral (V31 type)

Series IO F77 Accessories

Cordsets

Image	Model Number	Description
	[M8 Connector] V31-GM-BKxM-PUR-U [M12 Connector] V1-G-BKxM-PUR-U	Straight connector, 4-pin M8 or M12, black PUR cable, x= specified length in meters (2- and 5-meter are commonly stocked)

Mounting Brackets

Image	Model Number	Description
	OMH-R10X-04	Low profile, right angle mounting bracket for F77 and F77S sensors
	OMH-R10X-10	Elevated profile, right angle mounting bracket for F77 and F77S sensors
	AB-18	Right angle mounting bracket for F77S "snout mount" sensors

IO-Link Components

Image	Model Number	Description
	WRM-F301-IO-B15-2V15	SmartBridge® IO-Link Bluetooth interface • Configure sensors using mobile devices • Log IO-Link traffic to assist in troubleshooting • Test IO-Link sensors from multiple manufacturers • M12 female cordset for 24 VDC supply not included
	IO-Link-Master02-USB	Interface required for PC sensor configuration via PACTware. Includes power supply and USB cable.
	① V31-GM-0,1M-PUR-V1-G ② V1-G-BKxM-PUR-U	① Converts a sensor's V31 male receptacle to a V1 male. Required to interconnect M8 receptacle sensors to Smartbridge, or the IO-Link-Master02-USB. ② M12 female cordset for Smartbridge power supply

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