## **Part Number Key for Proximity Sensors**



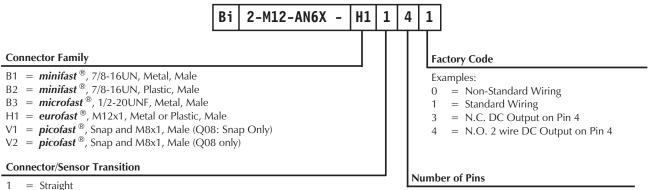
works						
B i 10 U -	G T 30	0     -	A	DZ	30 )	Wiring Option*   Special Option Code*
Mounting						Number of LEDs
B = Embeddable N = Nonembeddable S = Slot Sensor RU(C)= Ultrasonic Sensor W = Position Measuring System					Vo	Examples:  Blank = No LEDs  X2 = 2 LEDs  Itage Range
Principle of Operation						/DC: (No SCP**)
C = Capacitive CF = Capacitive (Noise immune) i = Inductive IM = Inductive Magnet Operated R = Reed  Rated Operating Distance (mm)					31 33 <b>AC</b> 30 32	= 20-250 VAC, 10-300 VDC = 20-250 VAC, 10-300 VDC, Plastic Barrel = 35-250 VAC, Grounded Metal Barrel /DC: (Latched SCP) = 20-250 VAC, 10-300 VDC = 20-250 VAC, 10-300 VDC = 20-140 VAC/DC, High Off-State Current
					DC	G
Sensing Characteristics  F = Front Sensing on Q26 and Q34 Sensor  NF = Nonferrous Only  R = Ring Sensor  S = Side Sensing on Q26 Sensor  T = Side Sensing on Q34 Sensor  U = Uprox® Sensor					6 7 8 41 61	<ul> <li>= 10-65 VDC, Polarity Protected, Pulsed SCP**</li> <li>= 10-30 VDC, Polarity Protected, Pulsed SCP</li> <li>= 10-30 VDC, TTL Compatible</li> <li>= 20-30 VDC, Polarity Protected, Pulsed SCP</li> <li>= 10-65 VDC, Polarity Protected, Pulsed SCP</li> <li>= 10-30 VDC, Polarity Protected, Pulsed SCP</li> <li>= 20-30 VDC</li> </ul>
Housing Material Modifier						J= 15-30 VDC = 18-30 VDC
E = Stainless Steel						SCP = Short-Circuit and Overload Protection
Housing Style	]			0	utput	
Barrel - Metal G = Full Threading, Generally Chrome Plated Brass H = Smooth, Chrome Plated Brass or Stainless Steel M = Partial Threading, Chrome Plated Brass  Barrel - Plastic K = Smooth KT = PVDF, Smooth P = Full Threading PT = PVDF, Full Threading S = Partial Threading T = Right Angle				LI G LI LI N P R	Z = = = (LU) = U = = = U =	2-Wire DC (Transistor Output) 2-Wire AC/DC, (Power MOSFET Output) Frequency Output 2-Wire DC, Low Voltage Drop Linear Analog Output Current (LI) or Voltage (LU) Linear Analog Output (Current and Voltage) NPN Transistor (Current Sinking) PNP Transistor (Current Sourcing) Relay Output Analog Output (non-linear) 2-Wire AC or 2-Wire AC/DC
Rectangular Q = Metal or Plastic, Various Rectangular Styles				Outpu	t Func	tion
Limit Switch  CA = stubby®, Short Aluminum Housing, Connector  CK = stubby®, Short Plastic Housing, Connector  CP = combiprox®, Plastic Housing, Terminal Chamber Base with Removable Sensor  Slot  K = Slot Sensor, Plastic Housing	<u> </u>		F R U V	DA = : : : : : : : : : : : : : : : : : :	= Dyn = Con = Norr = Jump = Com = NAA	mally Open (N.O.) amic Output (Ring Sensor), Normally Open nection Programmable (N.O. or N.C.) mally Closed (N.C.) per Programmable (N.O. or N.C.) aplementary Outputs: One N.O., One N.C. MUR Output, Requires Switching Amplifier MUR Output, Requires Switching Amplifier
Ring 32SR = Large Plastic Housing, Static or Dynamic Output  On a Small Poetangular Plastic Housing, Static Output		Sec			rel Mo	
Q = Small Rectangular Plastic Housing, Static Output W = Small Plastic Housing, Dynamic Output						l Length
permaprox®  A23 = Metal, Clamp-on; Active Face Centered  AKT = Plastic, Clamp-on; Active Face Centered  IKE = Metal, Clamp- or Strap-on; Active Face on End  IKM = Metal, Clamp- or Strap-on; Active Face on End  IKT = Metal, Clamp- or Strap-on; Active Face Centered  INT = Plastic, Groove Mt. or Strap-On; Active Face on End  INR = Plastic, Groove Mount; Active Face on End  KST = Metal/Plastic, Strap-on; Active Face Centered  NST = Plastic, Clamp-on; Active Face Centered  PSM = Metal/Plastic, Strap-on; Active Face on End  PST = Plastic, Strap-on; Active Face on End		K LD M SK SR T WE S	= Sho = Loa = Me = Rig = Stra = Bar 0 = W = Sid	ort Ba ad Du dium ht-An aight <sup>a</sup> b Fitt ashdo e Sen <b>neter</b>	rrel Lei mp Barrel gle Tei Fermin ing at ( own IP sing <b>or He</b> i	toneface ngth  Length rminal Chamber al Chamber Cable Entry 67/IP 68/IP 69K  ight (mm) or CRS Probe Length (mm = Number/10)
QST = Plastic, Clamp-on; Active Face on End	Prir	mary Bar	rel Mo	difie	<u> </u>	

**Cylinder Rotatable**CRS = Cylinder Rotatable Sensor with Probe, Metal

- T = Teflon® Coated
- \* See back for WIRING OPTIONS and SPECIAL OPTION CODES.

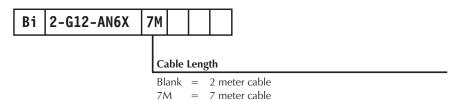
### **Wiring Options**

### A) Connectorized Sensor

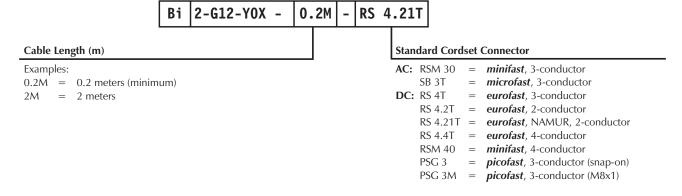


# **B) Potted Cable**

3 = Straight with Adapter = Right-Angle with Adapter

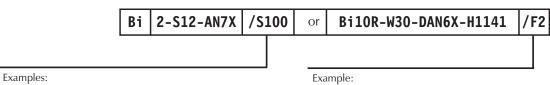


### C) Potted Cable with Molded Connector



### **Special Option Codes**

### **Option Codes for Special or Custom-Built Sensors**



/S34 = Weld Field Immune

= -40°C (-40°F) Operating Temperature /S97 /S100 = +100°C (+212°F) Operating Temperature /S395 = Medium Barrel Length of 60 mm

/S250 = Without Potentiometer

/F2 = Alternate Oscillator Frequency



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