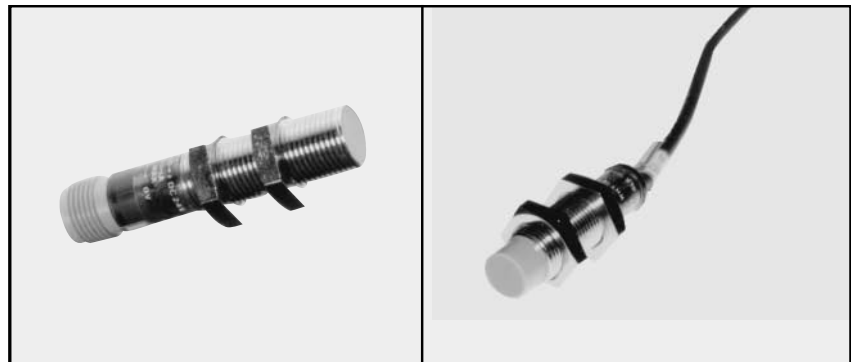




Series PR

Spartan Tubular Inductive Proximity Sensors 12mm



SIZE		12mm					
TYPE		3 Wire DC		2 Wire DC		2 Wire AC	
Shielding	S - Shielded	S	N	S	N	S	N
	N - Non-Shielded						
Maximum Sensing Distance (Sn)mm		2	4	2	4	2	4
Supply Voltage (Residual Ripple <10%,DC Models)		10-30VDC		20-30VDC		90-250VAC	
Switching Frequency Hz		800	400	800	400	20	
Maximum Output Current mA		200		50		200	
Minimum Output Current mA		—		—		5	
No Load Current at 12VDC mA		< 10		—		—	
Leakage Current mA		—		Max 0.9		Max 2	
Voltage Drop (ON State)		<1.5VDC		<7VDC		<10VAC	
Outputs		NPN-N.O. or N.C. PNP-N.O.		N.O. or N.C.		N.O. or N.C.	
Termination		2m Cable or H (Micro) Connector					

ORDERING INFORMATION

FEATURE

2-Wire DC With Cable.....**PRT**
2-Wire DC With H (Micro) Connector* ..**PRCT**
3-Wire DC With H (Micro) Connector***PRC**
3-Wire DC**PR**
2-Wire AC**PR**
2-Wire AC With H (Micro) Connector***PRC**

*NOTE:

Cables For Spartan DC Connector Models —
See page 137 of this catalog.

Cables For Spartan AC Connector Models
Are As Follows:

CIA2-2 — Straight, 2 Meter

CLA2-2 — 90° Angle, 2 Meter

SIZE AND SHIELDING

12mm Dia., Shielded**12-2**
12mm Dia., Unshielded**12-4**
18mm Dia., Shielded**18-5**
18mm Dia., Unshielded**18-8**
30mm Dia., Shielded**30-10**
30mm Dia., Unshielded**30-15**

OUTPUT

2-Wire DC | N.O.**DO**
 | N.C.**DC**
3-Wire DC | NPN, N.O.**DN**
 | NPN, N.C.**DN2**
 | PNP, N.O.**DP**
2-Wire AC | N.O.**AO**
 | N.C.**AC**

EXAMPLE Part Number
PRT12-2DC