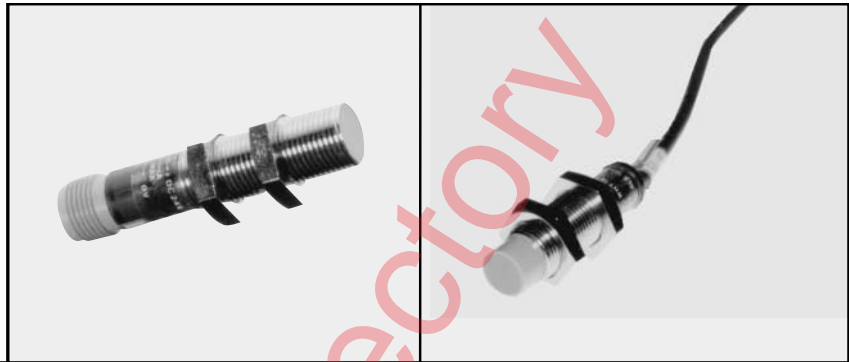




Series PR

Spartan Tubular Inductive Proximity Sensors 12mm



SIZE		12mm					
TYPE		3 Wire DC		2 Wire DC		2 Wire AC	
Shielding	S - Shielded N - Non-Shielded	S	N	S	N	S	N
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

	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

***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

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