

Photoelectric Sensor

SM 7000 Series

SpaceMaster™



- The 7000 Series consists of a self-contained transmitter SMT, and a receiver SMR which are to be used in thru beam mode, an SMP for diffuse proximity, SMRR for retro reflective and an SMPF for use with fibre optic cables
- All are offered with sensitivity adjustment via integral potentiometer with either cable or plug connection
- The control input in the SMT is intended to be used for disabling or enabling the transmitting power temporarily for test purpose or for multiplexing applications
- The complete series is protected against reverse polarity of power supplies, control input and output signals
- The output is protected against short circuit and inductive loads
- Operation mode and max sensing range: Thru beam: 0-20 m, Diffuse proximity: 0-50 cm, Retro reflective: 0-3 m, Fiber: Dependent on fiber optic
- Sensitivity adjustment via potentiometer
- Switch selectable light or dark function
- Power and output indicators
- High tolerance to hostile environments
- 10-30 VDC supply voltage
- Test input
- Receivers max cycle rate 250 Hz
- Switching function - NPN/PNP
- Output mode - NO / NC - Normally Open / Normally Closed



Item #	Mfr Part #	Sensing Range	Housing Material	Connection	Price
<i>Transmitter</i>					
02684384	SMT7000TP5	25 m	Plastic	5 m Cable	\$114.10
02684386	SMT7000TPJ	25 m	Plastic	4 Pin, M12 Plug	126.71
02684389	SMT7000TS5	25 m	Stainless Steel	5 m Cable	147.93
02684390	SMT7000TSJ	25 m	Stainless Steel	4 Pin, M12 Plug	161.20
<i>Receiver</i>					
02684275	SMR7620TP5	0-25 m	Plastic	5 m Cable	201.01
02684277	SMR7620TPJ	0-25 m	Plastic	4 Pin, M12 Plug	216.27
02684280	SMR7620TS5	0-25 m	Stainless Steel	5 m Cable	246.13
02684282	SMR7620TSJ	0-25 m	Stainless Steel	4 Pin, M12 Plug	251.43
<i>Diffuse Proximity</i>					
02683660	SMP7600TP5	0-50 cm	Plastic	5 m Cable	196.58
02683685	SMP7600TPJ	0-50 cm	Plastic	4 Pin, M12 Plug	211.11
02680787	SMP7600TSJ	0-50 cm	Stainless Steel	4 Pin, M12 Plug	253.73
02684131	SMP7600TST4	0-50 cm	Stainless Steel	4 Pin, M8 Plug	236.96
<i>Fibre Sensor</i>					
02684162	SMPF7600TP5	Dependent of Fiber Optics	Plastic	5 m Cable	196.58
02684165	SMPF7600TS5	Dependent of Fiber Optics	Stainless Steel	5 m Cable	239.17
02684166	SMPF7600TSJ	Dependent of Fiber Optics	Stainless Steel	4 Pin, M12 Plug	253.73
02684167	SMPF7600TST4	Dependent of Fiber Optics	Stainless Steel	4 Pin, M8 Plug	236.60
<i>Retro Reflective</i>					
02684324	SMRR7600TP5	0-3 m	Plastic	5 m Cable	189.98
02684325	SMRR7600TPJ	0-3 m	Plastic	4 Pin, M12 Plug	203.83
02684327	SMRR7600TS5	0-3 m	Stainless Steel	5 m Cable	244.97
02684328	SMRR7600TSJ	0-3 m	Stainless Steel	4 Pin, M12 Plug	240.07
02684329	SMRR7600TST4	0-3 m	Stainless Steel	4 Pin, M8 Plug	229.32