

Model Type	
TS-100	. ToughSonic
TS-200	. ToughSonic Chem
Range	
3	Maximum range 3 ft (0.9 m)
14	Maximum range 14 ft (4.3 m)
20	Maximum range 20 ft (6.1 m)
30	Maximum range 30 ft (9.1 m)
35	Maximum range 35 ft (10.7 m)
50	Maximum range 50 ft (15.2 m)
Connection	
A	30mm Threaded (SS housing)
B	1.0 in NPT (SS housing)
C	1.5 in NPT front and rear (SS housing)
D	Clamp connection 2.312 in/59mm (SS housing)
E	1.5 in NPT rear mount (SS housing)
F	2.5 in NPT front and rear (PVC housi
G	1.5 in NPT bottom 1.0 in NPT top (PVC housing)
H	1.5 in NPS bottom 1.0 in NPT top (PVC housing)
J	2.0 in NPT bottom 1.0 in NPT top (PVC housing)
Communication Protocol	
1	RS-485 & Analog
2	RS-485 Only
Cable Length	
02M	6.5 ft (2m) cable
05M	16 ft (5m) cable
10M	32 ft (10m) cable
25M	82 ft (25m) cable
TS-100	. 14 A 1 02M



Toughsonic

The toughsonic sensor is available as a general purpose or chemical purpose sensor. These are installed on heavy construction and farm equipment and in some of the harshest factory environments. The sensors measure distance, detect objects, measure and control bulk solid and liquid levels.

Description	Part No.
CONFIGURED TS-100 SENSORS	
14 Foot Range, 30mm Threaded Connection	
14 ft (4.3m) - 30mm Threaded - Stainless Steel - RS-485 & Analog (9 Wire) - 6.5 ft (2m)	TS-100.14.A102M
14 ft (4.3m) - 30mm Threaded - Stainless Steel - RS-485 & Analog (9 Wire) - 16 ft (5m)	TS-100.14.A105M
14 ft (4.3m) - 30mm Threaded - Stainless Steel - RS-485 & Analog (9 Wire) - 32 ft (10m)	TS-100.14.A110M
14 ft (4.3m) - 30mm Threaded - Stainless Steel - RS-485 & Analog (9 Wire) - 82 ft (25m)	TS-100.14.A125M
14 ft (4.3m) - 30mm Threaded - Stainless Steel - RS-485 Only (4 Wire) - 6.5 ft (2m)	TS-100.14.A202M
14 ft (4.3m) - 30mm Threaded - Stainless Steel - RS-485 Only (4 Wire) - 16 ft (5m)	TS-100.14.A205M
14 ft (4.3m) - 30mm Threaded - Stainless Steel - RS-485 Only (4 Wire) - 32 ft (10m)	TS-100.14.A210M
14 ft (4.3m) - 30mm Threaded - Stainless Steel - RS-485 Only (4 Wire) - 82 ft (25m)	TS-100.14.A225M
14 Foot Range, 1.0" NPT Connection	
14 ft (4.3m) - 1.0" NPT - Stainless Steel - RS-485 & Analog (9 Wire) - 6.5 ft (2m)	TS-100.14.B102M
14 ft (4.3m) - 1.0" NPT - Stainless Steel - RS-485 & Analog (9 Wire) - 16 ft (5m)	TS-100.14.B105M
14 ft (4.3m) - 1.0" NPT - Stainless Steel - RS-485 & Analog (9 Wire) - 32 ft (10m)	TS-100.14.B110M
14 ft (4.3m) - 1.0" NPT - Stainless Steel - RS-485 & Analog (9 Wire) - 82 ft (25m)	TS-100.14.B125M
14 ft (4.3m) - 1.0" NPT - Stainless Steel - RS-485 Only (4 Wire) - 6.5 ft (2m)	TS-100.14.B202M
14 ft (4.3m) - 1.0" NPT - Stainless Steel - RS-485 Only (4 Wire) - 16 ft (5m)	TS-100.14.B205M
14 ft (4.3m) - 1.0" NPT - Stainless Steel - RS-485 Only (4 Wire) - 32 ft (10m)	TS-100.14.B210M
14 ft (4.3m) - 1.0" NPT - Stainless Steel - RS-485 Only (4 Wire) - 82 ft (25m)	TS-100.14.B225M
30 Foot Range, 1.5" NPT Connection	
30 ft (9.1m) - 1.5" NPT Front & Rear - Stainless Steel - RS-485 & Analog (9 Wire) - 6.5 ft (2m)	TS-100.30.C102M
30 ft (9.1m) - 1.5" NPT Front & Rear - Stainless Steel - RS-485 & Analog (9 Wire) - 16 ft (5m)	TS-100.30.C105M
30 ft (9.1m) - 1.5" NPT Front & Rear - Stainless Steel - RS-485 & Analog (9 Wire) - 32 ft (10m)	TS-100.30.C110M
30 ft (9.1m) - 1.5" NPT Front & Rear - Stainless Steel - RS-485 & Analog (9 Wire) - 82 ft (25m)	TS-100.30.C125M
30 ft (9.1m) - 1.5" NPT Front & Rear - Stainless Steel - RS-485 Only (4 Wire) - 6.5 ft (2m)	TS-100.30.C202M
30 ft (9.1m) - 1.5" NPT Front & Rear - Stainless Steel - RS-485 Only (4 Wire) - 16 ft (5m)	TS-100.30.C205M
30 ft (9.1m) - 1.5" NPT Front & Rear - Stainless Steel - RS-485 Only (4 Wire) - 32 ft (10m)	TS-100.30.C210M
30 ft (9.1m) - 1.5" NPT Front & Rear - Stainless Steel - RS-485 Only (4 Wire) - 82 ft (25m)	TS-100.30.C225M
50 Foot Range, Clamp Connection	
50 ft (15.2m) - Clamp connection 2.312" / 59mm - Stainless Steel - RS-485 & Analog (9 Wire) - 6.5 ft (2m)	TS-100.50.D102M
50 ft (15.2m) - Clamp connection 2.312" / 59mm - Stainless Steel - RS-485 & Analog (9 Wire) - 16 ft (5m)	TS-100.50.D105M

Description	Part No.
50 ft (15.2m) - Clamp connection 2.312"/ 59mm - Stainless Steel - RS-485 & Analog (9 Wire) - 32 ft (10m)	TS-100.50.D110M
50 ft (15.2m) - Clamp connection 2.312"/ 59mm - Stainless Steel - RS-485 & Analog (9 Wire) - 82 ft (25m)	TS-100.50.D125M
50 ft (15.2m) - Clamp connection 2.312"/ 59mm - Stainless Steel - RS-485 Only (4 Wire) - 6.5 ft (2m)	TS-100.50.D202M
50 ft (15.2m) - Clamp connection 2.312"/ 59mm - Stainless Steel - RS-485 Only (4 Wire) - 16 ft (5m)	TS-100.50.D205M
50 ft (15.2m) - Clamp connection 2.312"/ 59mm - Stainless Steel - RS-485 Only (4 Wire) - 32 ft (10m)	TS-100.50.D210M
50 ft (15.2m) - Clamp connection 2.312"/ 59mm - Stainless Steel - RS-485 Only (4 Wire) - 82 ft (25m)	TS-100.50.D225M
50 Foot Range, 1.5" NPT Rear Mount Connection	
50 ft (15.2m) - 1.5" NPT rear mount - Stainless Steel - RS-485 & Analog (9 Wire) - 6.5 ft (2m)	TS-100.50.E102M
50 ft (15.2m) - 1.5" NPT rear mount - Stainless Steel - RS-485 & Analog (9 Wire) - 16 ft (5m)	TS-100.50.E105M
50 ft (15.2m) - 1.5" NPT rear mount - Stainless Steel - RS-485 & Analog (9 Wire) - 32 ft (10m)	TS-100.50.E110M
50 ft (15.2m) - 1.5" NPT rear mount - Stainless Steel - RS-485 & Analog (9 Wire) - 82 ft (25m)	TS-100.50.E125M
50 ft (15.2m) - 1.5" NPT rear mount - Stainless Steel - RS-485 Only (4 Wire) - 6.5 ft (2m)	TS-100.50.E202M
50 ft (15.2m) - 1.5" NPT rear mount - Stainless Steel - RS-485 Only (4 Wire) - 16 ft (5m)	TS-100.50.E205M
50 ft (15.2m) - 1.5" NPT rear mount - Stainless Steel - RS-485 Only (4 Wire) - 32 ft (10m)	TS-100.50.E210M
50 ft (15.2m) - 1.5" NPT rear mount - Stainless Steel - RS-485 Only (4 Wire) - 82 ft (25m)	TS-100.50.E225M
50 Foot Range, 2.5" NPT Front & Rear Mount Connection	
50 ft (15.2m) - 2.5" NPT front & rear mount - PVC - RS-485 & Analog (9 Wire) - 6.5 ft (2m)	TS-100.50.F102M
50 ft (15.2m) - 2.5" NPT front & rear mount - PVC - RS-485 & Analog (9 Wire) - 16 ft (5m)	TS-100.50.F105M
50 ft (15.2m) - 2.5" NPT front & rear mount - PVC - RS-485 & Analog (9 Wire) - 32 ft (10m)	TS-100.50.F110M
50 ft (15.2m) - 2.5" NPT front & rear mount - PVC - RS-485 & Analog (9 Wire) - 82 ft (25m)	TS-100.50.F125M
50 ft (15.2m) - 2.5" NPT front & rear mount - PVC - RS-485 Only (4 Wire) - 6.5 ft (2m)	TS-100.50.F202M
50 ft (15.2m) - 2.5" NPT front & rear mount - PVC - RS-485 Only (4 Wire) - 16 ft (5m)	TS-100.50.F205M
50 ft (15.2m) - 2.5" NPT front & rear mount - PVC - RS-485 Only (4 Wire) - 32 ft (10m)	TS-100.50.F210M
50 ft (15.2m) - 2.5" NPT front & rear mount - PVC - RS-485 Only (4 Wire) - 82 ft (25m)	TS-100.50.F225M

ToughSonic 100 Sensors
TS-100.14 ToughSonic (30mm Threaded Connection)

Description	Price	Part Number
14 ft (4.3m) - 30mm Threaded - Stainless Steel - RS-485 & Analog (9 Wire) - 6.5 ft (2m)	\$599.00	TS-100.14A102M
14 ft (4.3m) - 30mm Threaded - Stainless Steel - RS-485 & Analog (9 Wire) - 16 ft (5m)	\$633.80	TS-100.14A105M
14 ft (4.3m) - 30mm Threaded - Stainless Steel - RS-485 & Analog (9 Wire) - 32 ft (10m)	\$650.60	TS-100.14A110M
14 ft (4.3m) - 30mm Threaded - Stainless Steel - RS-485 & Analog (9 Wire) - 82 ft (25m)	\$703.10	TS-100.14A125M
14 ft (4.3m) - 30mm Threaded - Stainless Steel - RS-485 Only (4 Wire) - 6.5 ft (2m)	\$539.00	TS-100.14A202M
14 ft (4.3m) - 30mm Threaded - Stainless Steel - RS-485 Only (4 Wire) - 16 ft (5m)	\$573.80	TS-100.14A205M
14 ft (4.3m) - 30mm Threaded - Stainless Steel - RS-485 Only (4 Wire) - 32 ft (10m)	\$590.60	TS-100.14A210M
14 ft (4.3m) - 30mm Threaded - Stainless Steel - RS-485 Only (4 Wire) - 82 ft (25m)	\$643.10	TS-100.14A225M

TS-100.14 ToughSonic (1.0" NPT Connection)

Description	Price	Part Number
14 ft (4.3m) - 1.0" NPT - Stainless Steel - RS-485 & Analog (9 Wire) - 6.5 ft (2m)	\$599.00	TS-100.14B102M
14 ft (4.3m) - 1.0" NPT - Stainless Steel - RS-485 & Analog (9 Wire) - 16 ft (5m)	\$633.80	TS-100.14B105M
14 ft (4.3m) - 1.0" NPT - Stainless Steel - RS-485 & Analog (9 Wire) - 32 ft (10m)	\$650.60	TS-100.14B110M
14 ft (4.3m) - 1.0" NPT - Stainless Steel - RS-485 & Analog (9 Wire) - 82 ft (25m)	\$703.10	TS-100.14B125M
14 ft (4.3m) - 1.0" NPT - Stainless Steel - RS-485 Only (4 Wire) - 6.5 ft (2m)	\$539.00	TS-100.14B202M
14 ft (4.3m) - 1.0" NPT - Stainless Steel - RS-485 Only (4 Wire) - 16 ft (5m)	\$573.80	TS-100.14B205M
14 ft (4.3m) - 1.0" NPT - Stainless Steel - RS-485 Only (4 Wire) - 32 ft (10m)	\$590.60	TS-100.14B210M
14 ft (4.3m) - 1.0" NPT - Stainless Steel - RS-485 Only (4 Wire) - 82 ft (25m)	\$643.10	TS-100.14B225M

TS-100.30 ToughSonic (1.5" NPT Connection)

Description	Price	Part Number
30 ft (9.1m) - 1.5" NPT Front & Rear - Stainless Steel - RS-485 & Analog (9 Wire) - 6.5 ft (2m)	\$729.00	TS-100.30C102M
30 ft (9.1m) - 1.5" NPT Front & Rear - Stainless Steel - RS-485 & Analog (9 Wire) - 16 ft (5m)	\$763.80	TS-100.30C105M
30 ft (9.1m) - 1.5" NPT Front & Rear - Stainless Steel - RS-485 & Analog (9 Wire) - 32 ft (10m)	\$780.60	TS-100.30C110M
30 ft (9.1m) - 1.5" NPT Front & Rear - Stainless Steel - RS-485 & Analog (9 Wire) - 82 ft (25m)	\$833.10	TS-100.30C125M
30 ft (9.1m) - 1.5" NPT Front & Rear - Stainless Steel - RS-485 Only (4 Wire) - 6.5 ft (2m)	\$669.00	TS-100.30C202M
30 ft (9.1m) - 1.5" NPT Front & Rear - Stainless Steel - RS-485 Only (4 Wire) - 16 ft (5m)	\$703.80	TS-100.30C205M
30 ft (9.1m) - 1.5" NPT Front & Rear - Stainless Steel - RS-485 Only (4 Wire) - 32 ft (10m)	\$720.60	TS-100.30C210M
30 ft (9.1m) - 1.5" NPT Front & Rear - Stainless Steel - RS-485 Only (4 Wire) - 82 ft (25m)	\$773.10	TS-100.30C225M

ToughSonic 100 Sensors Continued
TS-100.50 ToughSonic (Clamp Connection)

Description	Price	Part Number
50 ft (15.2m) - Clamp connection 2.312"/ 59mm - Stainless Steel - RS-485 & Analog (9 Wire) - 6.5 ft (2m)	\$999.00	TS-100.50D102M
50 ft (15.2m) - Clamp connection 2.312"/ 59mm - Stainless Steel - RS-485 & Analog (9 Wire) - 16 ft (5m)	\$1,033.80	TS-100.50D105M
50 ft (15.2m) - Clamp connection 2.312"/ 59mm - Stainless Steel - RS-485 & Analog (9 Wire) - 32 ft (10m)	\$1,050.60	TS-100.50D110M
50 ft (15.2m) - Clamp connection 2.312"/ 59mm - Stainless Steel - RS-485 & Analog (9 Wire) - 82 ft (25m)	\$1,103.10	TS-100.50D125M
50 ft (15.2m) - Clamp connection 2.312"/ 59mm - Stainless Steel - RS-485 Only (4 Wire) - 6.5 ft (2m)	\$939.00	TS-100.50D202M
50 ft (15.2m) - Clamp connection 2.312"/ 59mm - Stainless Steel - RS-485 Only (4 Wire) - 16 ft (5m)	\$973.80	TS-100.50D205M
50 ft (15.2m) - Clamp connection 2.312"/ 59mm - Stainless Steel - RS-485 Only (4 Wire) - 32 ft (10m)	\$990.60	TS-100.50D210M
50 ft (15.2m) - Clamp connection 2.312"/ 59mm - Stainless Steel - RS-485 Only (4 Wire) - 82 ft (25m)	\$1,043.10	TS-100.50D225M

TS-100.50 ToughSonic (1.5" NPT Rear Mount Connection)

Description	Price	Part Number
50 ft (15.2m) - 1.5" NPT rear mount - Stainless Steel - RS-485 & Analog (9 Wire) - 6.5 ft (2m)	\$1,129.00	TS-100.50E102M
50 ft (15.2m) - 1.5" NPT rear mount - Stainless Steel - RS-485 & Analog (9 Wire) - 16 ft (5m)	\$1,163.80	TS-100.50E105M
50 ft (15.2m) - 1.5" NPT rear mount - Stainless Steel - RS-485 & Analog (9 Wire) - 32 ft (10m)	\$1,180.60	TS-100.50E110M
50 ft (15.2m) - 1.5" NPT rear mount - Stainless Steel - RS-485 & Analog (9 Wire) - 82 ft (25m)	\$1,233.10	TS-100.50E125M
50 ft (15.2m) - 1.5" NPT rear mount - Stainless Steel - RS-485 Only (4 Wire) - 6.5 ft (2m)	\$1,069.00	TS-100.50E202M
50 ft (15.2m) - 1.5" NPT rear mount - Stainless Steel - RS-485 Only (4 Wire) - 16 ft (5m)	\$1,103.80	TS-100.50E205M
50 ft (15.2m) - 1.5" NPT rear mount - Stainless Steel - RS-485 Only (4 Wire) - 32 ft (10m)	\$1,120.60	TS-100.50E210M
50 ft (15.2m) - 1.5" NPT rear mount - Stainless Steel - RS-485 Only (4 Wire) - 82 ft (25m)	\$1,173.10	TS-100.50E225M

TS-100.50 ToughSonic (2.5" NPT Front & Rear Mount Connection)

Description	Price	Part Number
50 ft (15.2m) - 2.5" NPT front & rear mount - PVC - RS-485 & Analog (9 Wire) - 6.5 ft (2m)	\$929.00	TS-100.50F102M
50 ft (15.2m) - 2.5" NPT front & rear mount - PVC - RS-485 & Analog (9 Wire) - 16 ft (5m)	\$963.80	TS-100.50F105M
50 ft (15.2m) - 2.5" NPT front & rear mount - PVC - RS-485 & Analog (9 Wire) - 32 ft (10m)	\$980.60	TS-100.50F110M
50 ft (15.2m) - 2.5" NPT front & rear mount - PVC - RS-485 & Analog (9 Wire) - 82 ft (25m)	\$1,033.10	TS-100.50F125M
50 ft (15.2m) - 2.5" NPT front & rear mount - PVC - RS-485 Only (4 Wire) - 6.5 ft (2m)	\$869.00	TS-100.50F202M
50 ft (15.2m) - 2.5" NPT front & rear mount - PVC - RS-485 Only (4 Wire) - 16 ft (5m)	\$903.80	TS-100.50F205M
50 ft (15.2m) - 2.5" NPT front & rear mount - PVC - RS-485 Only (4 Wire) - 32 ft (10m)	\$920.60	TS-100.50F210M
50 ft (15.2m) - 2.5" NPT front & rear mount - PVC - RS-485 Only (4 Wire) - 82 ft (25m)	\$973.10	TS-100.50F225M

Description	Part No.
CONFIGURED TS-200 SENSORS	
14 Foot Range, 1.5" NPT Bottom, 1.0" NPT Top Connection	
14 ft (4.3m) -1.5" NPT bottom 1.0" NPT top - PVC - RS-485 & Analog (9 Wire) - 6.5 ft (2m)	TS-200.14.G102M
14 ft (4.3m) -1.5" NPT bottom 1.0" NPT top - PVC - RS-485 & Analog (9 Wire) - 16 ft (5m)	TS-200.14.G105M
14 ft (4.3m) -1.5" NPT bottom 1.0" NPT top - PVC - RS-485 & Analog (9 Wire) - 32 ft (10m)	TS-200.14.G110M
14 ft (4.3m) -1.5" NPT bottom 1.0" NPT top - PVC - RS-485 & Analog (9 Wire) - 82 ft (25m)	TS-200.14.G125M
14 ft (4.3m) -1.5" NPT bottom 1.0" NPT top - PVC - RS-485 Only (4 Wire) - 6.5 ft (2m)	TS-200.14.G202M
14 ft (4.3m) -1.5" NPT bottom 1.0" NPT top - PVC - RS-485 Only (4 Wire) - 16 ft (5m)	TS-200.14.G205M
14 ft (4.3m) -1.5" NPT bottom 1.0" NPT top - PVC - RS-485 Only (4 Wire) - 32 ft (10m)	TS-200.14.G210M
14 ft (4.3m) -1.5" NPT bottom 1.0" NPT top - PVC - RS-485 Only (4 Wire) - 82 ft (25m)	TS-200.14.G225M
20 Foot Range, 1.5" NPT Bottom, 1.0" NPT Top Connection	
20 ft (6.1m) -1.5" NPT bottom 1.0" NPT top - PVC - RS-485 & Analog (9 Wire) - 6.5 ft (2m)	TS-200.20.H102M
20 ft (6.1m) -1.5" NPT bottom 1.0" NPT top - PVC - RS-485 & Analog (9 Wire) - 16 ft (5m)	TS-200.20.H105M
20 ft (6.1m) -1.5" NPT bottom 1.0" NPT top - PVC - RS-485 & Analog (9 Wire) - 32 ft (10m)	TS-200.20.H110M
20 ft (6.1m) -1.5" NPT bottom 1.0" NPT top - PVC - RS-485 & Analog (9 Wire) - 82 ft (25m)	TS-200.20.H125M
20 ft (6.1m) -1.5" NPT bottom 1.0" NPT top - PVC - RS-485 Only (4 Wire) - 6.5 ft (2m)	TS-200.20.H202M
20 ft (6.1m) -1.5" NPT bottom 1.0" NPT top - PVC - RS-485 Only (4 Wire) - 16 ft (5m)	TS-200.20.H205M
20 ft (6.1m) -1.5" NPT bottom 1.0" NPT top - PVC - RS-485 Only (4 Wire) - 32 ft (10m)	TS-200.20.H210M
20 ft (6.1m) -1.5" NPT bottom 1.0" NPT top - PVC - RS-485 Only (4 Wire) - 82 ft (25m)	TS-200.20.H225M
35 Foot Range, 2.0" NPT Bottom, 1.0" NPT Top Connection	
35 ft (10.7m) -2.0" NPT bottom, 1.0" NPT top - PVC - RS-485 & Analog (9 Wire) - 6.5 ft (2m)	TS-200.35.J102M
35 ft (10.7m) -2.0" NPT bottom, 1.0" NPT top - PVC - RS-485 & Analog (9 Wire) - 16 ft (5m)	TS-200.35.J105M
35 ft (10.7m) -2.0" NPT bottom, 1.0" NPT top - PVC - RS-485 & Analog (9 Wire) - 32 ft (10m)	TS-200.35.J110M
35 ft (10.7m) -2.0" NPT bottom, 1.0" NPT top - PVC - RS-485 & Analog (9 Wire) - 82 ft (25m)	TS-200.35.J125M
35 ft (10.7m) -2.0" NPT bottom, 1.0" NPT top - PVC - RS-485 Only (4 Wire) - 6.5 ft (2m)	TS-200.35.J202M
35 ft (10.7m) -2.0" NPT bottom, 1.0" NPT top - PVC - RS-485 Only (4 Wire) - 16 ft (5m)	TS-200.35.J205M
35 ft (10.7m) -2.0" NPT bottom, 1.0" NPT top - PVC - RS-485 Only (4 Wire) - 32 ft (10m)	TS-200.35.J210M
35 ft (10.7m) -2.0" NPT bottom, 1.0" NPT top - PVC - RS-485 Only (4 Wire) - 82 ft (25m)	TS-200.35.J225M

ToughSonic Chem 200 Sensors
TS-200.14 ToughSonic Chem (1.5" NPT Bottom, 1.0" NPT Top Connection)

Description	Price	Part Number
14 ft (4.3m) -1.5" NPT bottom 1.0" NPT top - PVC - RS-485 & Analog (9 Wire) - 6.5 ft (2m)	\$819.00	TS-200.14G102M
14 ft (4.3m) -1.5" NPT bottom 1.0" NPT top - PVC - RS-485 & Analog (9 Wire) - 16 ft (5m)	\$853.80	TS-200.14G105M
14 ft (4.3m) -1.5" NPT bottom 1.0" NPT top - PVC - RS-485 & Analog (9 Wire) - 32 ft (10m)	\$870.60	TS-200.14G110M
14 ft (4.3m) -1.5" NPT bottom 1.0" NPT top - PVC - RS-485 & Analog (9 Wire) - 82 ft (25m)	\$923.10	TS-200.14G125M
14 ft (4.3m) -1.5" NPT bottom 1.0" NPT top - PVC - RS-485 Only (4 Wire) - 6.5 ft (2m)	\$759.00	TS-200.14G202M
14 ft (4.3m) -1.5" NPT bottom 1.0" NPT top - PVC - RS-485 Only (4 Wire) - 16 ft (5m)	\$793.80	TS-200.14G205M
14 ft (4.3m) -1.5" NPT bottom 1.0" NPT top - PVC - RS-485 Only (4 Wire) - 32 ft (10m)	\$810.60	TS-200.14G210M
14 ft (4.3m) -1.5" NPT bottom 1.0" NPT top - PVC - RS-485 Only (4 Wire) - 82 ft (25m)	\$863.10	TS-200.14G225M

TS-200.20 ToughSonic Chem (1.5" NPT Bottom, 1.0" NPT Top Connection)

Description	Price	Part Number
20 ft (6.1m) -1.5" NPT bottom 1.0" NPT top - PVC - RS-485 & Analog (9 Wire) - 6.5 ft (2m)	\$879.00	TS-200.20G102M
20 ft (6.1m) -1.5" NPT bottom 1.0" NPT top - PVC - RS-485 & Analog (9 Wire) - 16 ft (5m)	\$913.80	TS-200.20G105M
20 ft (6.1m) -1.5" NPT bottom 1.0" NPT top - PVC - RS-485 & Analog (9 Wire) - 32 ft (10m)	\$930.60	TS-200.20G110M
20 ft (6.1m) -1.5" NPT bottom 1.0" NPT top - PVC - RS-485 & Analog (9 Wire) - 82 ft (25m)	\$983.10	TS-200.20G125M
20 ft (6.1m) -1.5" NPT bottom 1.0" NPT top - PVC - RS-485 Only (4 Wire) - 6.5 ft (2m)	\$819.00	TS-200.20G202M
20 ft (6.1m) -1.5" NPT bottom 1.0" NPT top - PVC - RS-485 Only (4 Wire) - 16 ft (5m)	\$853.80	TS-200.20G205M
20 ft (6.1m) -1.5" NPT bottom 1.0" NPT top - PVC - RS-485 Only (4 Wire) - 32 ft (10m)	\$870.60	TS-200.20G210M
20 ft (6.1m) -1.5" NPT bottom 1.0" NPT top - PVC - RS-485 Only (4 Wire) - 82 ft (25m)	\$923.10	TS-200.20G225M

TS-200.35 ToughSonic Chem (2.0" NPT Bottom, 1.0" NPT Top Connection)

Description	Price	Part Number
35 ft (10.7m) -2.0" NPT bottom, 1.0" NPT top - PVC - RS-485 & Analog (9 Wire) - 6.5 ft (2m)	\$975.00	TS-200.35H102M
35 ft (10.7m) -2.0" NPT bottom, 1.0" NPT top - PVC - RS-485 & Analog (9 Wire) - 16 ft (5m)	\$1,009.80	TS-200.35H105M
35 ft (10.7m) -2.0" NPT bottom, 1.0" NPT top - PVC - RS-485 & Analog (9 Wire) - 32 ft (10m)	\$1,026.60	TS-200.35H110M
35 ft (10.7m) -2.0" NPT bottom, 1.0" NPT top - PVC - RS-485 & Analog (9 Wire) - 82 ft (25m)	\$1,079.10	TS-200.35H125M
35 ft (10.7m) -2.0" NPT bottom, 1.0" NPT top - PVC - RS-485 Only (4 Wire) - 6.5 ft (2m)	\$915.00	TS-200.35H202M
35 ft (10.7m) -2.0" NPT bottom, 1.0" NPT top - PVC - RS-485 Only (4 Wire) - 16 ft (5m)	\$949.80	TS-200.35H205M
35 ft (10.7m) -2.0" NPT bottom, 1.0" NPT top - PVC - RS-485 Only (4 Wire) - 32 ft (10m)	\$966.60	TS-200.35H210M
35 ft (10.7m) -2.0" NPT bottom, 1.0" NPT top - PVC - RS-485 Only (4 Wire) - 82 ft (25m)	\$1,019.10	TS-200.35H225M

Description	CODE	Part No.
MODEL		
ToughSonic 100	TS-100.	
ToughSonic 200	TS-200.	
RANGE		
Maximum range 3 ft (0.9 m)	3	
Maximum range 14 ft (4.3 m)	14	
Maximum range 20 ft (6.1 m)	20	
Maximum range 30 ft (9.1 m)	30	
Maximum range 35 ft (10.7 m)	35	
Maximum range 50 ft (15.2 m)	50	
CONNECTION		
A - 30mm Threaded (SS housing)	A	
B - 1.0 in NPT (SS housing)	B	
C - 1.5 in NPT front and rear (SS housing)	C	
D - Clamp connection 2.312 in/ 59mm (SS housing)	D	
E - 1.5 in NPT rear mount (SS housing)	E	
F - 2.5 in NPT front and rear (PVC housing)	F	
G - 1.5 in NPT bottom 1.0 in NPT top (PVC housing)	G	
H - 1.5 in NPs bottom 1.0 in NPT top (PVC housing)	H	
J - 2.0 in NPT bottom 1.0 in NPT top (PVC housing)	J	
COMMUNICATION PROTOCOL		
RS-485 & Analog	1	
RS-485 Only	2	
RS-232 & Analog	3	
RS-232 Only	4	
CABLE LENGTH		
6.5 ft (2m) cable	02M	
16 ft (5m) cable	05M	
32 ft (10m) cable	10M	
82 ft (25m) cable	25M	
MOUNTING		
Mounting: 2 Inch NPT to 30 mm Thread Adapter		UA-SWD-30-2NPT
Mounting: Elevated 2 Inch NPT to 30 mm Thread Adapter		UA-SWED-30-2NPT
Mounting: 30mm Block Clamp Mount		UA-MB30-NYBM
Mounting: 1.5" NPT Female Thread Adaptor		UA-FM-15
Mounting: 1.5" NPT Female Thread Adaptor		UA-FM-SS15
Mounting: 2" NPT Female Thread Adaptor		UA-FM-20
Mounting: 2" NPT Female Thread Adaptor		UA-FM-SS20
Mounting: 2.5" NPT Female Thread Adaptor		UA-FM-25
Mounting: 30mm swivel-style sensor mount		UA-MB30-NYSW
Mounting: Stainless Steel 30mm sensor mount		UA-MB30-SS

Description	CODE	Part No.
Mounting: 30mm adjustable multi-axis sensor clamp		UA-MB30-FLEX
Mounting: 30mm Mounting Nut		UA-NUT30-SS
CONFIGURATION		
RS-485 setup kit		UAN-KIT-USB-485
Termination Board		UA-TS-TB
Termination Board with Two Relays		UA-TS-TB-2RYC
RJ11 Cable		UA-DATACORD
Isolated Serial to USB Converter		UA-USB-485-ISO
Serial-To-USB Converter, Non-Isolated		UA-USB-485
WIRING		
Power Supply for Termination Boards		UA-PS-750-G
Serial Connection Cable		UA-CC232
Serial Connection Cable		UA-CC485
Serial Cable And Terminal Board		UA-CC485-TS
Junction Box		UA-JBOX-485