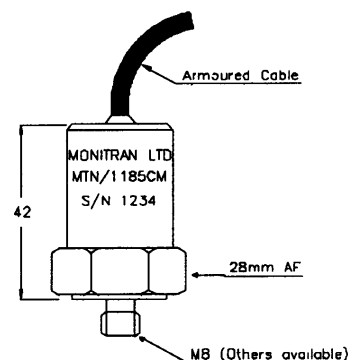


## TECHNICAL SPECIFICATION FOR THE MTN/1185 ACCELEROMETER

The 1185 integral electronic industrial accelerometer with a direct velocity output uses the two wire 4-20 mA industry standard, enabling it to be easily interfaced into process control loops.

### TECHNICAL DATA

Frequency Response	:	2 Hz to 1 kHz +/- 10 %
Mounted Resonance	:	18 kHz min
Measurement Range	:	50 g peak
Isolation	:	Base isolated
Operating Temp Range	:	- 25 to 80 deg C
Temperature Sensitivity	:	0.08 %/C
Electrical Noise	:	0.3 mg max
Transverse Sensitivity	:	Less than 5%
Supply Voltage	:	10-32 Volts (smoothed)
Standard Cable	:	5 Metres Armoured PVC
Case Material	:	Stainless Steel
Weight	:	150 gms (nominal)
Sealing	:	IP67
Options	:	Ranges, Connector, Side Exit Cable, Filters, Mounting Threads, Other Cable Lengths, waterproof



ORDER CODE	MOUNTING	R.M.S. VELOCITY RANGES AVAILABLE
MTN/1185CM8- RANGE	M8 x 12mm MALE	0-10 mm/sec
MTN/1185CM- RANGE	M10 x 12mm MALE	0-20 mm/sec
MTN/1185CQ- RANGE	QUICK FIT FEMALE	0-25 mm/sec
		0-50 mm/sec
		0-100 mm/sec

All measurements in millimetres


SS0146/C/FARNELL NOS. 7068219/7068268

Monitran reserve the right to alter the  
specification without prior notice.

**MONITRAN LTD**

33 Hazlemere Road, Penn. Bucks. HP10 8AD  
for further details contact: Telephone: 01494 816569 Fax: 01494 812256

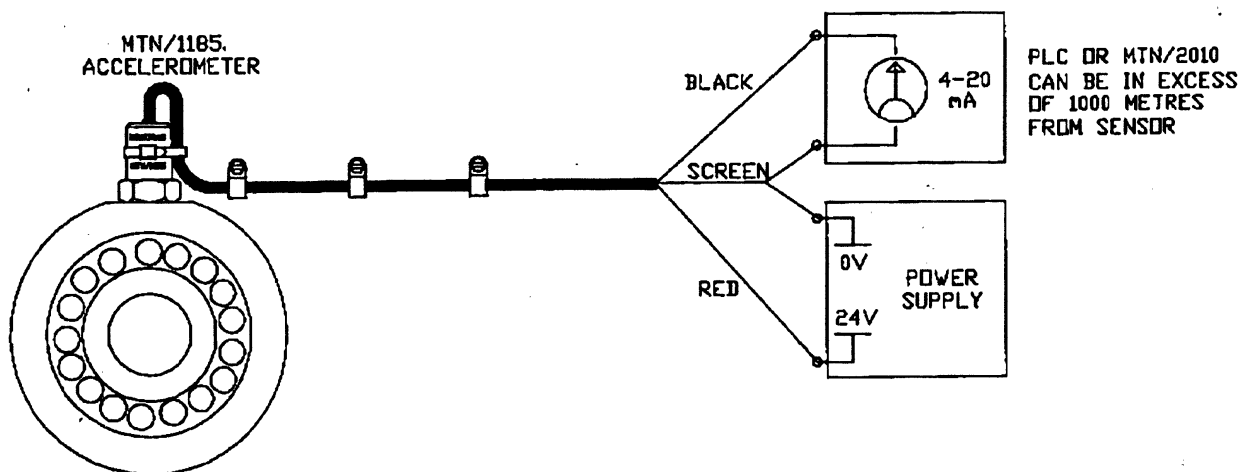
ORIGINAL

NOT SCALE		DRAWN TO BS 308	ALL DIMENSIONS IN MM UNLESS OTHERWISE STATED
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					Monitran Limited							
			MATERIAL	DRAWN	DATE	CHECKED	DATE	TITLE				
				JK	29.11.96	DF	29.11.96	MTN/1185				
			TOLERANCES UNLESS STATED 0 or 0.0 ±0.5 0.00 ±0.15 ANGLES ±5°					SYSTEM CONNECTION				
								DRAWING NUMBER				
								SS0499/B				
RELEASE	JK	29.11.96	FINISH 1.6/ ALL OVER THREADS g6 H6					SCALE NTS				
DESCRIPTION	BY	DATE						SHEET 1 OF 1				