



- Adaptors, Reducers, Stopping Plugs, and Accessories
- Breather Drains: Ex e Increased Safety, Ex d Flameproof (Nickel Plated, Stainless Steel)



- Cable Glands: Hawke 700 Series, ICG653, 501/453, etc.
- Adaptors, Reducers, Stopping Plugs, and Accessories
- Ex Connectors: Power, Control, and Instrumentation – ATEX Certified
- Increased Safety Enclosures: Control Housings and Terminal Housings



- Full Range Including Electrical Fittings, Junction Boxes, and Pull Boxes



- Purge Systems: Type Ex, Px, Py, Pz – ATEX/IECEX/NFPA
- Intrinsic Safety Barriers: Zener Barriers and Galvanic Isolators
- Human Machine Interface (HMI): Zones 1&2/Divisions 1&2
- Engineered Solutions



- Explosion-proof Fittings and Enclosures and Flameproof Enclosures
- Increased Safety Enclosures: Control Housings and Terminal Housings
- ATEX Zone 1 & 2 Equipment Certified, CE Marked Control Assemblies
- NEMA 12, 4, and 4X Enclosures
- Stainless Steel Enclosures and Instrument Housings



- Explosion-proof Fittings and Enclosures and Flameproof Enclosures
- Explosion-proof and Flameproof Controls



- Explosion-proof Enclosures and Flameproof Enclosures
- Increased Safety Enclosures: Control Housings and Terminal Housings
- Explosion-proof and Flameproof Controls
- **NEW** Quick Ship Program (**Contact Us for More Details**)



- Adaptors, Reducers, Stopping Plugs, and Accessories
- Breather Drains: Ex e Increased Safety, Ex d Flameproof (Nickel Plated, Stainless Steel)
- Easy Route to ATEX-Compliant Solutions



- Electrical Enclosures
- NEMA 12, 4, and 4X Enclosures

Our Services:

- Electrical Cable and Bulk Material Management
- Hazardous Area Training and EX Inspection
- On-Site Container Management
- Project Life Cycle Inventory Management



- Wiring Ducts



- NEC Electrical Cables: IEEE45 Type P, MCHL, Portable Cord, Tek90, Type TC, Type PLTC
- IEC Power & Control / Instrumentation Cables: NEK606, British Standards, Fiber Optic (QFCI/AICI) Cables to IEC60331 & IEC60332



Call (714) 453-2401 or Scan to Visit Our Website

U.S. / METRIC CROSS-SECTION CONVERSIONS CHART

From:	To:	Multiply by:
Length		
Inches	Centimeters	2.54
Inches	Meters	0.0254
Meters	Feet	3.281
Miles	Kilometers	1.609
Mass		
Pounds	Kilograms	0.4536
Area		
Square Feet	Square Meters	0.0929
Volume		
Cubic Feet	Cubic Meters	0.0283
Capacity		
Gallons (Liquid)	Liters	3.785

*In marginal cases where the nearest standard conductor size has a smaller area than that particular AWG size, in should be ascertained that is acceptable to employ a reduced connector size and that the full load current rating of the circuit can be maintained.

AWG	Metric Cross-Section (mm ²)	Standard Cross-Section (mm ²)
20	0.519	0.75
18	0.823	1
16	1.31	1.5
14	2.08	2.5
12	3.31	4
10	5.26	6
8	8.37	10
6	13.3	16
4	21.15	25
2	33.62	35
1	42.41	50
1/0	53.49	70
2/0	67.23	70
3/0	85.01	95
4/0	107.2	120

MCM	Metric Cross-Section (mm ²)	Standard Cross-Section (mm ²)
250	126.7	150
300	152	150
350	177.3	185
400	202.7	185
450	228	240
500	253.4	300
550	278.7	300
600	304	300
650	329.4	300
700	354.7	400
750	380	400
800	405.4	400
850	430.7	400
900	456	500
950	481.4	500
1000	506.7	500
1250	633.4	630

EXINDUSTRIES