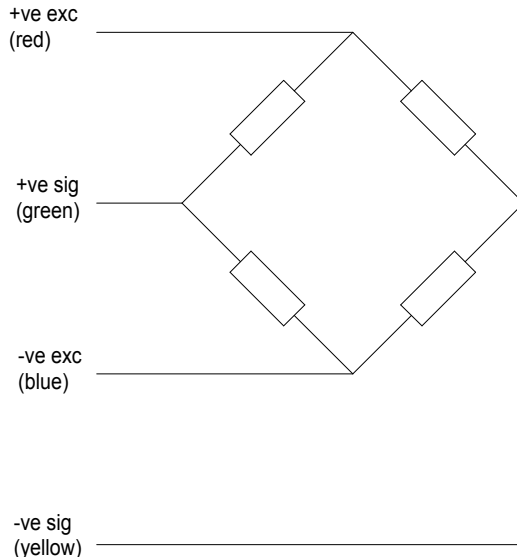


Wedge Socket

Type S421



- Rope sizes 9 to 32 mm
- Sealed to IP68
- Low deflection
- Ideal for direct swap installation
- Robust construction
- ATEX certification available

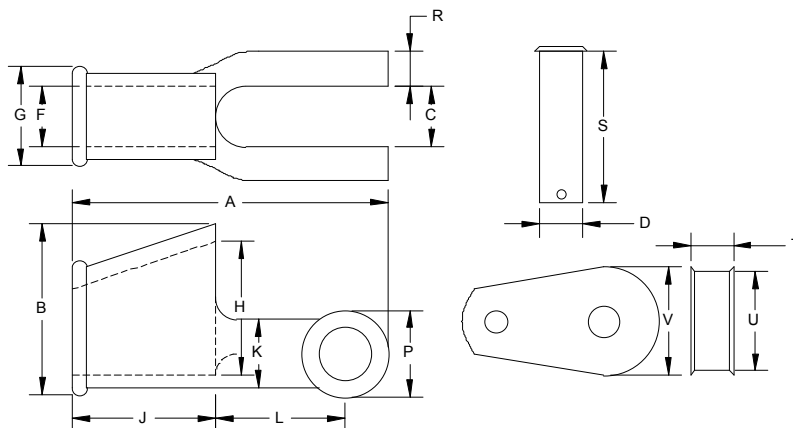


| | | |
|---------------------------|-------------------------|---------------|
| Capacities | 5, 10, 25, 50, 100, 250 | te |
| Full Load Output | 1.0 nom. | mV/V |
| Zero Load Output | <±0.004 | % |
| Excitation (Max) | 10 (15) | V |
| Accuracy | <0.5 | % |
| Repeatability | <0.10 | % |
| Input Resistance | 375 | Ω |
| Output Resistance | 350 | Ω |
| Compensated Temp. Range | +20 to +60 | °C |
| Operating Temp. Range | -30 to +70 | °C |
| Temp. Coefficient on Zero | <0.050 | % Capacity/°C |
| Temp Coefficient on Span | <0.030 | % Capacity/°C |
| Safe Overload | 150 | % |
| Insulation | >500 @100Vdc | MΩ |
| Environmental Protection | IP68 | |

Specifications subject to change without notice

| Wire Rope Dia. | | Dimensions (mm) | | | | | | | | | | | | | | | |
|----------------|-------|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| (in.) | (mm) | A | B | C | D | F | G | H | J | K | L | P | R | S | T | U | v |
| 2/8 | 9-10 | 143 | 65.0 | 20.6 | 20.6 | 14.2 | 28.7 | 52.5 | 57.0 | 26.9 | 63.5 | 39.6 | 11.2 | 52.0 | 11.2 | 31.8 | 35.0 |
| 1/2 | 11-13 | 173 | 87.5 | 25.5 | 25.4 | 17.5 | 35.1 | 71.5 | 76.0 | 33.3 | 70.0 | 49.3 | 12.7 | 62.0 | 13.5 | 44.5 | 48.0 |
| 5/8 | 14-16 | 207 | 103 | 31.8 | 30.2 | 22.3 | 44.5 | 84.0 | 93.5 | 38.1 | 82.5 | 57.2 | 14.2 | 79.5 | 17.5 | 51.0 | 55.5 |
| 3/4 | 18-19 | 248 | 122 | 38.1 | 35.1 | 25.4 | 32.3 | 100 | 111 | 44.5 | 101 | 70.0 | 16.8 | 92.1 | 19.8 | 59.0 | 65.0 |
| 7/8 | 20-22 | 283 | 139 | 44.5 | 41.4 | 28.7 | 58.5 | 114 | 127 | 51.0 | 114 | 79.5 | 19.1 | 160 | 22.3 | 68.3 | 74.5 |
| 1 | 24-26 | 324 | 155 | 50.8 | 50.8 | 33.3 | 65.0 | 127 | 146 | 57.0 | 127 | 95.0 | 22.3 | 117 | 26.2 | 73.0 | 83.5 |
| 1-1/8 | 28 | 365 | 171 | 57.2 | 57.0 | 38.1 | 74.5 | 140 | 165 | 63.5 | 143 | 108 | 25.4 | 136 | 30.2 | 79.5 | 90.5 |
| 1-1/4 | 30-32 | 406 | 187 | 63.5 | 63.5 | 41.4 | 81.0 | 152 | 184 | 70.0 | 159 | 121 | 28.7 | 147 | 33.3 | 86.0 | 97.0 |

All dimensions in mm



Options :

Other ranges available on request.

Cable or plug and socket connector.

Non-standard sizes available.
Atex version available.

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DEL P
ATEX / IECEx Approved to
Ex ia IIC T6
Ex tD A20 IP68 T85C

