



# 2172L Series Single Point Load Cells



Part No. [2172L-10KG-A3-K](#)

## Features

- Constructed from aircraft-grade, anodized aluminum alloy
- Can handle off-center loads for platforms up to 400x400mm
- Capacities from 10 kg to 75 kg (22 lb to 165 lb) at 0.03% accuracy of full scale
- 3-wire 4-20 mA output
- Well suited to single point scales, small hoppers, filling, packaging, and batching applications

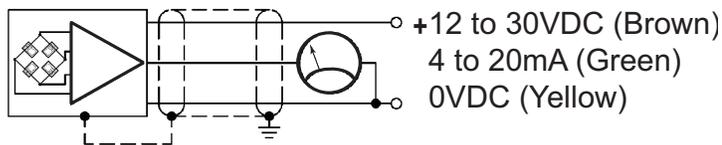


2172L Series Single Point Load Cell Selection										
Part Number	Load Rating	Operating Voltage	Current Signal Range	Material	IP Rating	Electrical Connection	Pcs/Pkg	Wt (lb)	Price	Drawing Links
<a href="#">2172L-10KG-A3-K</a>	22 lb / 10 kg	12-30 VDC	4-20 mA	Anodized Aluminum	IP63	6.5ft / 2m integral 3-wire shielded cable	1	0.89	\$446.00	<a href="#">PDF</a>
<a href="#">2172L-20KG-A3-K</a>	44 lb / 20 kg						1	0.92	\$446.00	<a href="#">PDF</a>
<a href="#">2172L-30KG-A3-K</a>	66 lb / 30 kg						1	0.90	\$446.00	<a href="#">PDF</a>
<a href="#">2172L-50KG-A3-K</a>	110 lb / 50 kg						1	0.95	\$446.00	<a href="#">PDF</a>
<a href="#">2172L-75KG-A3-K</a>	165 lb / 75 kg						1	0.95	\$446.00	<a href="#">PDF</a>

2172L Series Single Point Load Cell Technical Specifications			
Accuracy Class	0.03 %** Full Scale	Temperature Coefficient of the Sensitivity	<± 0.1 %* / 10 °C [50 °F]
Combined Error (Non-Linearity + Hysteresis)	<± 0.03 %*	Temperature Coefficient of Zero Signal	<± 0.05 %* / 10 °C [50 °F]
Repeatability Error	<± 0.015 %*	Insulation Resistance (50V)	> 5000 MΩ
Creep Error Over 30 Min.	<± 0.03 %*	Safe Load Limit	150%*
Reference Temperature	23 °C [73.4 °F]	Breaking Load	> 300%*
Compensated Temperature Range	-10 to 45 °C [14 to 113 °F]	Permissible Dynamic Loading	60%*
Service Temperature Range	-30 to 70 °C [-22 to 158 °F]	Static Lateral Force Limit	100%*
Storage Temperature Range	-50 to 85 °C [-58 to 185 °F]	Mounting Hole Size	(4) M8-1.25 threaded and (2) M4-0.7 threaded

\* Full Scale  
 \*\* Except thermal Drifts

## 2172L Wiring



Cable shield connected to transducer

## Load Direction

