EL20-16KN-S20044 ✔ ACTIVE

MEAS | MEAS EL20

TE Internal #: EL20-16KN-S20044

TE Internal Description: EL20-S458-16KN-/A2/L6M

Low Mass Titanium Seat Belt Load Cell

View on TE.com >

Sensors > Force Sensors > Low Mass Titanium Seat Belt Load Cell



Force Sensor Type: **Automotive Load Cells**

Force Direction: **Tension**

Full Scale Range: **0 – 3200 lbf**

Operating Temperature Range: **-40 – 120 °C [-40 – 176 °F]**

All Low Mass Titanium Seat Belt Load Cell (41)

Features

Product Type Features

Force Sensor Type	Automotive Load Cells

Electrical Characteristics

Full Scale Range	0 – 3200 lbf
Supply Voltage Range	10 VDC

Usage Conditions

Operating Temperature Range	-40 – 120 °C[-40 – 176 °F]

Operation/Application

Accuracy	±3 % of FS
Output Signal Type	±1.5 mV/V

Industry Standards

IP Rating	IP50

Other

Force Direction	Tension
Zero Shift in CTR	±1/50 %FS/°C
Sensitivity Shift	±1/50 %FS/°C

Product Compliance

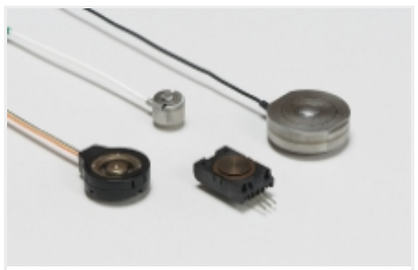
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Out of Scope
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: Pb (1.1% in 74010107) **Article Safe Usage Statements:** Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not reviewed for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

Also in the Series | MEAS EL20



Force Sensors(41)

Customers Also Bought



TE Part #CAT-D48-ST273
DEUTSCH Connector Solid Contacts



TE Part #DT04-2P
REC, 2P, GRY, N



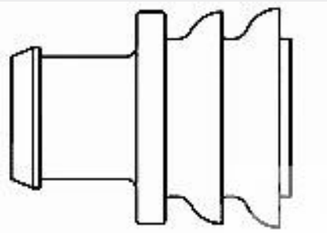
TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT



TE Part #DT06-2S
PLG, 2P, GRY, N



TE Part #206070-8
CABLE CLAMP KIT #17



TE Part #281934-2
SINGLE WIRE SEAL



TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING

Documents

Datasheets & Catalog Pages

EL20

English