SAUTER **CP 5-2Y1**

Single-point load cell made of anodised aluminium



Category

Brand	Sauter
Product category	Measuring cell
Product group	Load cell
Product family	CP Y1

Measuring System

Weighing capacity [Max]	5 kg
Load cell - characteristic value - nominal	2 mV/V
Load cell - characteristic value - variance	0,2 mV/V
Load cell OIML class	C2
Load cell connection	4-wire
Power supply + Colour	red
Power supply - Colour	black
Signal + Colour	green
Signal - Colour	white
Load cell - Dead load [Min] (%)	0%
Measuring applications	mass
Directions of force	compression
Load sell - Input resistance - nominal	405 Ω
Load cell - Output resistance - nominal	350 Ω
Load cell - Input resistance - variance	10 Ω
Load cell - Output resistance - variance	3 Ω
Load cell - Recommended exitation voltage [Min]	9 V
Load cell - Recommended exitation voltage [Max]	12 V
Load cell - Isolation resistance - [Min]	5000 MΩ
Load cell - Combined error	0,03%
Zero balance	≤± 1.5%FS
Safe overload	120%
Ultimate overload	150%

Functions

IP protection - complete device	IP65

Construction

Material	aluminium
Design	Singlepoint load cell
Dimension (W×D×H)	130×22×30 mm
Maximum platform size	250×350 mm
Cable length	0,45 m
Mounting - force application	2 × threaded hole M6
Mounting - force dissipation	2 × threaded hole M6

Environmental conditions

Ambient temperature [Min]	-20 °C
Ambient temperature [Max]	50 °C
Use temperature [Min]	-10 °C
Use temperature [Max]	40 °C
Storage temperature [Min]	-30 °C
Storage temperature [Max]	60 °C

Approval

CE mark	✓

Product information

GTIN/EAN number	4045761311718
Trade number	84239010
REACH classification	no prohibited substances

Packing & Shipping

Shipping method	Parcel service
Delivery time	1 d
Dimensions packaging (W×D×H)	170×110×25 mm
Net weight approx.	0,10 kg
Gross weight approx.	0,10 kg
Shipping volume weight	0,1 kg

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Pictograms

STANDARD



OPTION

