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TOLERANCES UNLESS OTHERWISE STATED
HOLE DIAMETERS SIZE TO PLUS.
DIMENSIONS IN mm

	Name	Signature	Date
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Approved by	Andrew Keal		13/10/2015

FOR EFFECTIVITY DATE REFER TO EDCR

7	22029	Description added
6	21851	Spring + Tip options added
5	19623	Cable requirements clarified
4	19154	* Not for S100 & S150 added
3	19115	BICM output added
2	18974	Guided Core/Carrier + Spring + Tip(Not for S100 & S150) added to Retrofittable Accessories
1	18768	Configurator re-designed and raised to issue 1
G	18152	Change to option V – Guided Core/Carrier + Spring + Tip – not for S100 & S150
F	17171	Title Changed and layout clarified.
E	17154	Axial Connector removed. Cable length maximum = 5M
D	17102	Terminology standardised.
C	16917	P and V added to Core/Carrier Type
B	16969	UPDATES
A	16969	NEW FORM
Issue	EDCR	Change Comments - for detailed information refer to EDCR.

Document summary:

Ordering Guide for LVDT S-Series

Document Types: WI, OP, FORM, PS, TS, ES

Title	Number
ORDERING GUIDE - LVDT S-SERIES	502676

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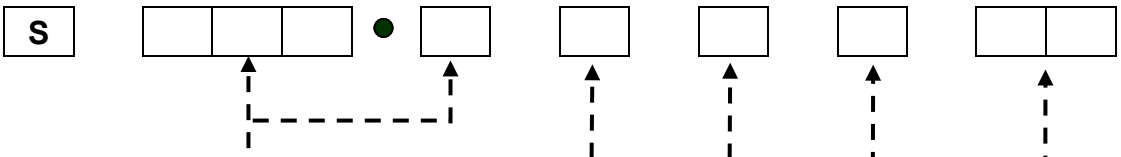

Measurement Range (+/- mm)

IP Rating

5	65
7	67

Core/Carrier Type

M	6.3 mm core - M4 x 0.7 thread
P	Guided Core/Carrier + Spring - M6 x 1.0 thread
S	Guided core/carrier - M6 x 1.0 thread
T	Free core + carrier
U	Guided core/carrier with 6 mm Universal Joints * **
V	Guided Core/Carrier + Spring + Tip *

*** Not for S100 & S150 without Solartron approval**

**** Not available with Axial Connector**

Electrical Connections

N	Cable only
A	0 - 24 V BICM fitted **
B	15 V - 0 - 15 V BICM fitted **
D	Din Plug 5 way 240º screw lock
L	Axial connector with mating half *
F	15 V - 0 - 15 V BICM fitted ** + Din Plug 5 way 240º screw lock
G	0 - 24 V BICM fitted ** + Din Plug 5 way 240º screw lock
J	IP 67 BICM fitted ** (not 24 Volt)
K	IP 67 BICM fitted ** + Din Plug 5 way 240º screw lock (not 24 Volt)

*** Axial connector not available with Universal Joints**

**** BICM Output = ±10 V**

Cable Length in Metres

0	X	0X = cable length in metres (Solartron approval required for 5 metres and above)
Y	Z	With BICM

Y= cable length in metres between transducer and BICM (no greater than 5 metres)

Z =cable length in metres after BICM (no greater than 9 metres)

0	0	If no cable required with Axial connector

Product Description _____

See overleaf for Accessories, Springs and Ball Tips

Retrofittable Accessories

(Not suitable for S100 and S150)

Ball Tip Adapter with Ball Tip	Part number
	805192-SX

Springs		Part number
±2.5 mm		208739/0025
±5 mm		208739/0050
±7.5 mm		208739/0075
±10 mm		208739/0100
±15 mm		208739/0150
±25 mm		208739/0250
±50 mm		208739/0500
±75 mm		208739/0750
±100 mm	Guided Core/Carrier + Spring + Tip (Not for S100 & S150)	208739/1000
±150 mm		208739/1500