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

	Name	Signature	Date
Original Author	Sales		19/03/2009
Last Modified by	Pavel Kramorenko		16/02/2022
Approved by	Andrew Keal		13/10/2015

**FOR EFFECTIVITY DATE REFER TO EDCR**

9	22029	Description added
8	21851	Spring + Tip options added
7	19623	Cable requirement clarified
6	19154	* Not for H100 & H150 added
5	19036	Temperature added
4	18974	Guided Core/Carrier + Spring + Tip(Not for S100 & S150) added to Retrofittable Accessories
3	18980	BICM output documented
2	18973	Reference to IP67 rating for probe removed
1	18768	New Configurator – released at issue 1
Issue	EDCR	Change Comments - for detailed information refer to EDCR.

Document summary:

Ordering Guide for LVDT S-Series (Hi Temp - 200 degrees C)

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

Title	Number
ORDERING GUIDE - LVDT S-SERIES (Hi Temp - 200 degrees C)	502874



**SCIGATE AUTOMATION (S) PTE LTD**

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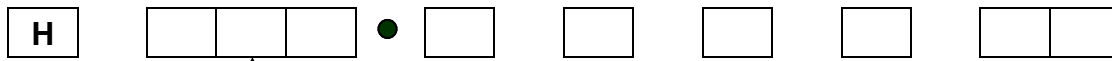
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Issue No: 9

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**Measurement Range (+/- mm)**

**IP Rating**

5	65
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**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 H100 & H150 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 240° screw lock
L	Axial connector with mating half *
F	15 V - 0 - 15 V BICM fitted ** + Din Plug 5 way 240° screw lock
G	0 - 24 V BICM fitted ** + Din Plug 5 way 240° screw lock
J	IP 67 BICM fitted ** (not 24 Volt)
K	IP 67 BICM fitted ** + Din Plug 5 way 240° screw lock (not 24 Volt)

\* Axial connector not available with U/J  
 \*\* 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
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Product Description \_\_\_\_\_

**See overleaf for Accessories, Springs and Ball Tips**

**Retrofittable Accessories**

(Not suitable for H100 and H150)

<b>Ball Tip Adapter with Ball Tip</b>	<b>Part number</b>
	805192-SX

<b>Springs</b>	<b>Part number</b>
±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 H100 & H150)
±150 mm	208739/1000
	208739/1500

Measuring range (total travel mm)	S IP 65					S IP 67					SR Submersible					SR IP 68					Axial Connector					LVDT					DC					Orbit					4-20mA					Screw Mount					High Temp*																										
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Mechanical						Axial connector						Free Core						Guided core						Screw Mount						High Temp.																																															
Display/Controller						SI 1000						SI 3000						SI 7000						Remote signal conditioning						DRC						OD 2						OD 4						OD 5						BICM (15-0-15V)						BICM (24V)						TTL module						Orbit					

Note: High Temperature is for Transducers only

●	Compatible
▲	Refer to Engineering
■	Not Available