

SPARKLIKE LASER INTEGRATED

Integration options with IG lines

Function	Basic #1	Advanced #2	Highspeed #3
Why	Simpler IG lines with I/O relays or binary signaling method	Advanced IG lines with exhaustive BUS communication	Highspeed IG lines where a cycle time is critical
Measured parameters			
Insulating gas concentration	X	X	X
Glass&Cavity thicknesses	X	Optional	-
Communication / Interface	E.g. 24 Vdc relays or Modbus	E.g. ProfiNET, ProfiBus, Modbus	E.g. ProfiNET, ProfiBus, Modbus
IGU composition details from the IG line to the LI	DGU/TGU	DGU/TGU Glass & cavity thicknesses IGU height	DGU/TGU Glass & cavity thicknesses IGU height
Determination of the IGU height for presetting the measuring point	IGU height measured with a built-in distance laser.	IGU height from the IG line. (in manual mode with a built-in distance laser)	IGU height from the IG line. (in manual mode with a built-in distance laser)
Data storage	LI's hard drive	LI's hard drive and/or sent to the IG line	LI's hard drive and automatically sent to the IG line
Cycle time (IGU stop time)	28s for DGU (+/- 2s) 38s for TGU (+/- 2s)	23-28s for DGU 34-38s for TGU	17s for DGU (+/- 2s) 26s for TGU (+/- 2s)