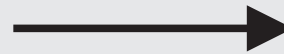


BCL 31 xx



Host-Interface RS485
Leuze multiNet

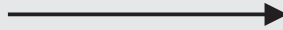


BCL 301i xx



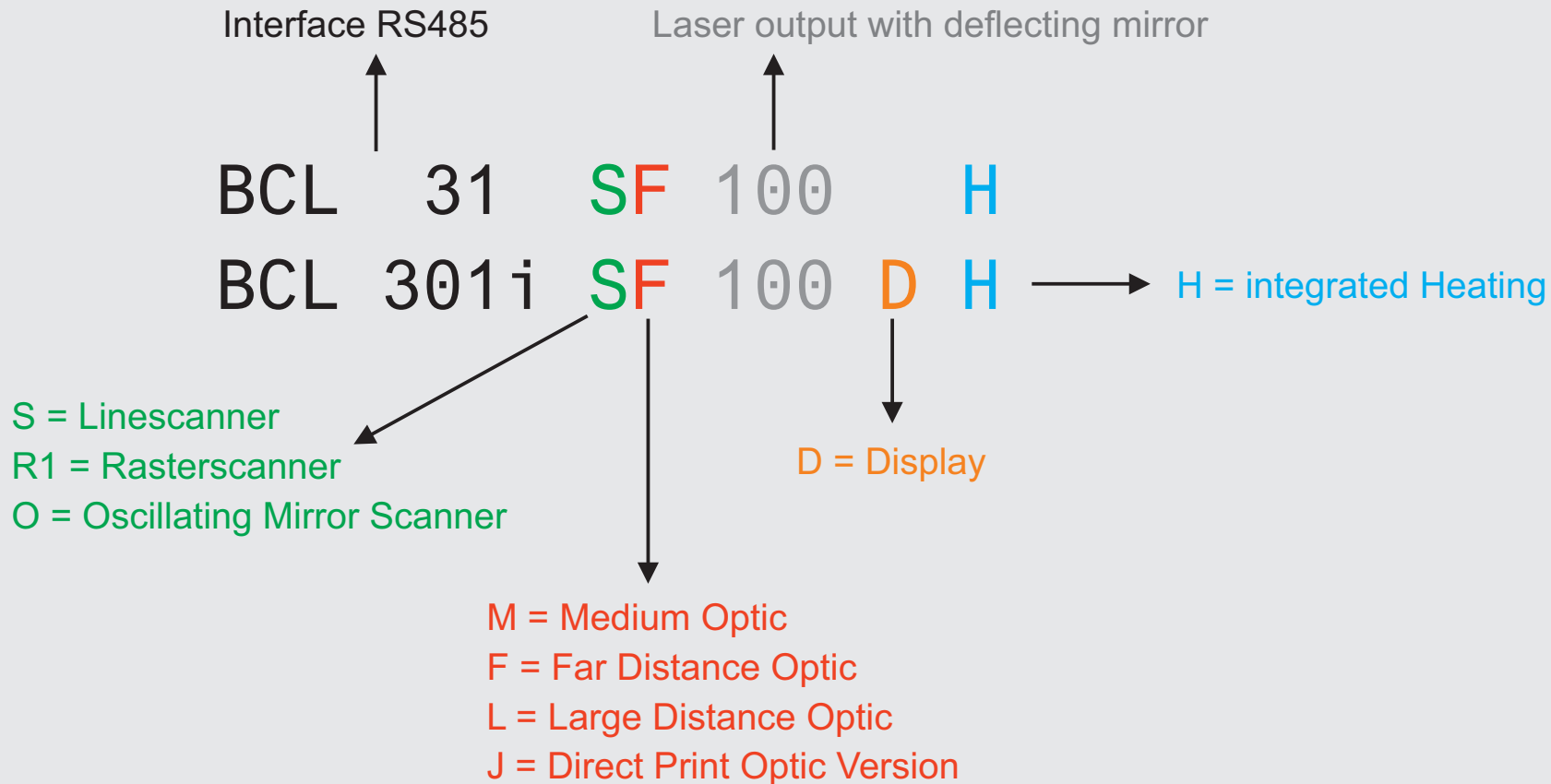
Host-Interface RS485
Leuze multiNet

Conversion List



BCL 31 S M 100	—————>	BCL 301i SM 100 (D)
BCL 31 S M 100 H	—————>	BCL 301i SM 100 D H
BCL 31 R1 M 100	—————>	BCL 301i R1 M 100 (D)
BCL 31 R1 M 100 H	—————>	BCL 301i SM 100 D H or BCL 301i OM 100 D H
BCL 31 S F 100	—————>	BCL 301i SF 100 (D)
BCL 31 S F 100 H	—————>	BCL 301i SF 100 D H
BCL 31 R1 F 100	—————>	BCL 301i R1 F 100 (D)
BCL 31 R1 F 100 H	—————>	BCL 301i SF 100 D H or BCL 301i OF 100 D H
BCL 31 S L 100	—————>	BCL 301i SL 100 (D)
BCL 31 S L 100 H	—————>	BCL 301i SL 100 D H
BCL 31 R1 L 100	—————>	BCL 301i SL 100 (D) or BCL 301i OL 100 (D)
BCL 31 R1 L 100 H	—————>	BCL 301i SL 100 D H or BCL 301i OL 100 D H
BCL 31 S J 100	—————>	BCL 301i R1 J 100 (D)
BCL 31 R1 J 100	—————>	BCL 301i R1 J 100 (D)
BCL 31 R1 J 100 H	—————>	BCL 301i R1 J 100 D H

Type Code



- Notes:
- The BCL 301i series scanners are also available with an optional **Display** ex. BCL 301i SF 100 **D**
 - Heating variants always have a **Display** ex. BCL 301i SM 100 **D H**
 - Heating variants are only available as Linescanner or Oscillating Mirror Scanner (no Rasterscanner)
 - The L-optics variant is only available as a Linescanner or Oscillating Mirror Scanner (no Rasterscanner)

Connection Variant MA 2 L

BCL 31 xx connected directly
to MA 2 L Box



BCL 301i xx with MK 301 (or MS 301)

MA 2 L



for open Ends
/ Wire Connection



MK 301



for open Ends
/ Wire Connection

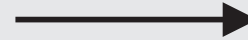
Alternative MS 301



for M12 Connection

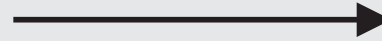
Connection Variant MA 2 / 4

BCL 31 xx connected at MA 2 or MA 4 Box
with cable KB-031-3000:

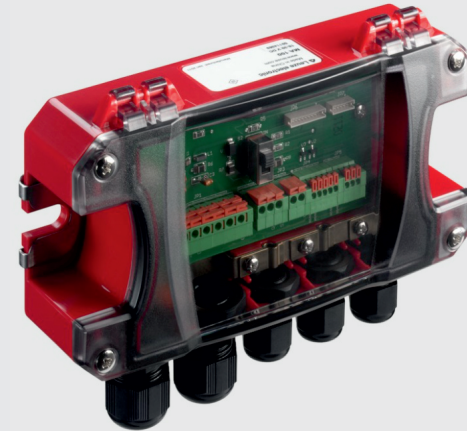


BCL 301i xx with MA 100
and cable KB 301-3000:

MA 2 / MA 4



MA 100



+

KB-031-3000



+

KB 301-3000



- The **Reading fields** of the BCL 301i xx are equivalent to those of the BCL 31 xx, usually even larger
- **MK 301** or **MS 301** connection box or **KB 301-3000** cable is absolutely necessary for the operation of a BCL 301i xx
- For **Service** access the KB USB-USBminiB (50117011) cable is required
- A BCL 301i xx is working as a slave in Leuze **multiNet** with a Master MA 30 or MA 31

If you have any questions about this application note or require further information, please do not hesitate to contact us.

You can find the contact details of the service staff in your country on our website www.leuze.com folder **Contact & Support**.