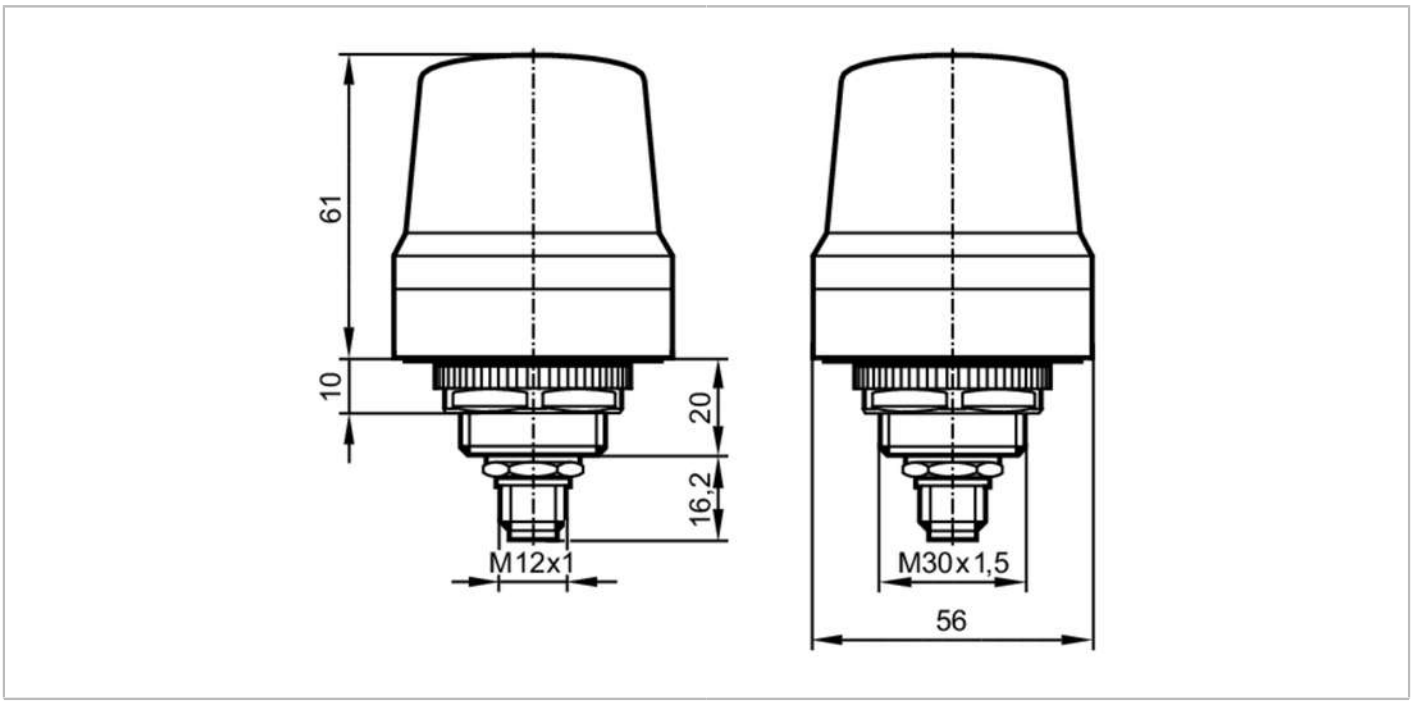
DV2120

1-segment signal lamp

LED-Lamp/IO-Link



Application		
Application		signalling machine conditions
Electrical data		
Operating voltage	[V]	18...30 DC; (to SELV/PELV ; "supply class 2" to cURus)
Nominal voltage DC	[V]	24
Current consumption	[mA]	< 90
Switch-on peak current	[mA]	400
Switch-on peak current duration	[ms]	50
Interfaces		
Communication interface		IO-Link
Transmission type		COM2 (38,4 kBaud)
IO-Link revision		1.1
SDCI standard		IEC 61131-9
SIO mode		yes
Required master port type		A
Min. process cycle time	[ms]	2.3
Supported DeviceIDs		**Type of operation** / **DeviceID**
		default / 1054
Operating conditions		
Ambient temperature	[°C]	-25...50
Storage temperature	[°C]	-40...75
Max. relative air humidity	[%]	90
Max. height above sea level	[m]	4000
Protection		IP 67

DV2120

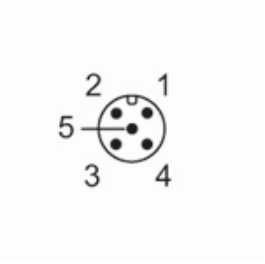
1-segment signal lamp

LED-Lamp/IO-Link

Pollution degree		2
Mechanical data		
Weight	[g]	153
Dimensions	[mm]	Ø 56 / L = 61
Materials		housing: ABS; lens: PC
Displays / operating elements		
Display		LED segment, red / green / yellow / blue / lilac / cyan / white
Accessories		
Accessories (optional)		mounting base, E89060
		wall bracket, E89061
		Mounting adapter, E89063
		bracket with lateral cable entry, E89064
		mounting tube, E89065
		mounting tube, E89066
		mounting tube, E89067
		mounting base, E89080
Remarks		
Remarks		For further information please see the operating instructions.
Pack quantity		1 pcs.

Electrical connection - plug

Connector: M12; coding: A



IO-Link	
1	UB+
2	not used
3	UB-
4	IO-Link
5	not used

standard mode	
1	IN1 red
2	IN2 green
3	GND
4	not used
5	IN3 blue

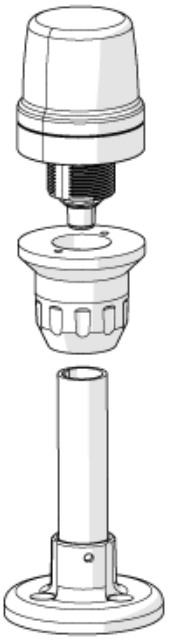
DV2120

1-segment signal lamp

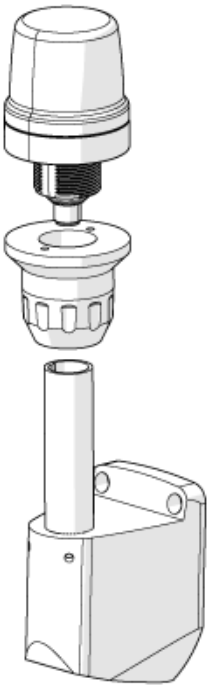
LED-Lamp/IO-Link

Diagrams and graphs

base mounting



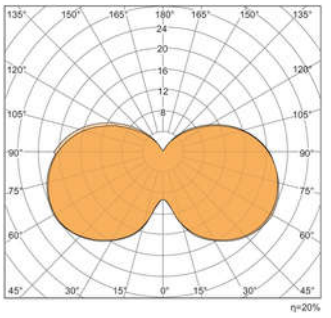
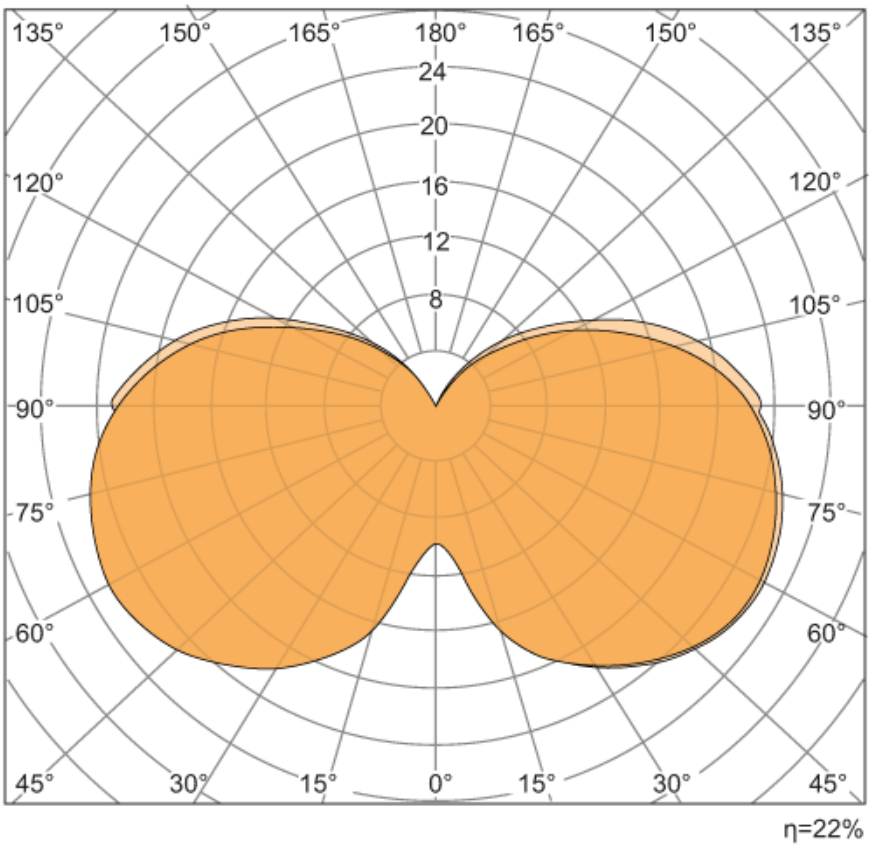
wall mounting



DV2120

1-segment signal lamp

LED-Lamp/IO-Link

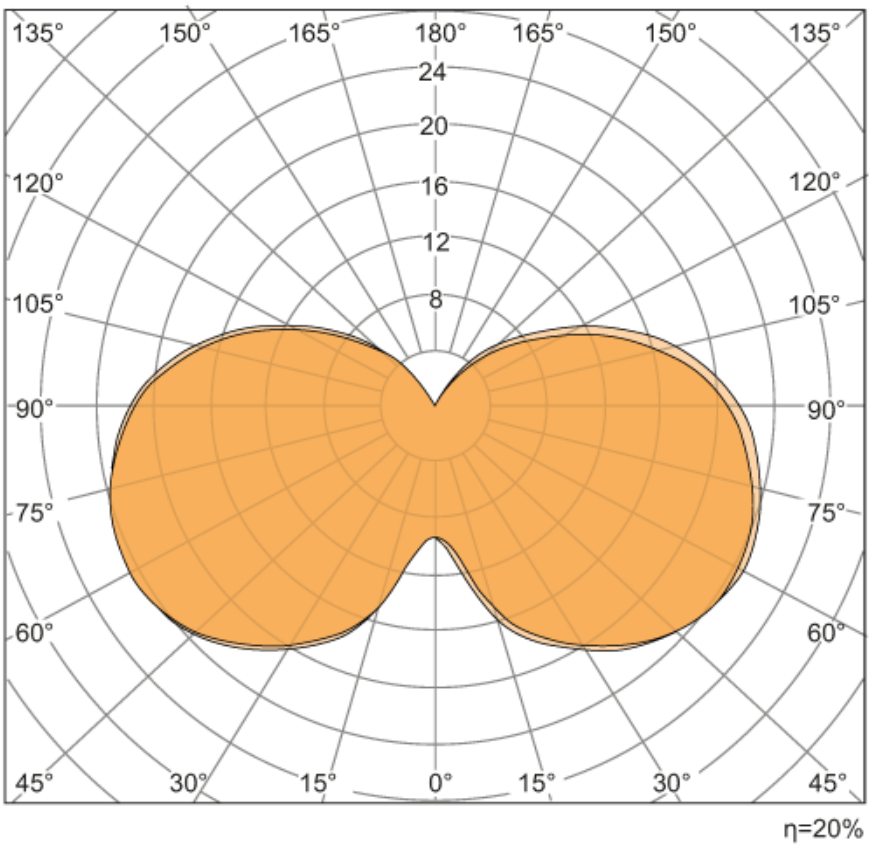
light intensity distribution curve	 light intensity distribution curve: red 1000 lm operating efficiency = 20%
light intensity distribution curve	 light intensity distribution curve: green 1000 lm operating efficiency = 22%

DV2120

1-segment signal lamp

LED-Lamp/IO-Link

light intensity distribution curve



light intensity distribution curve: blue

1000 lm

operating efficiency = 20%