

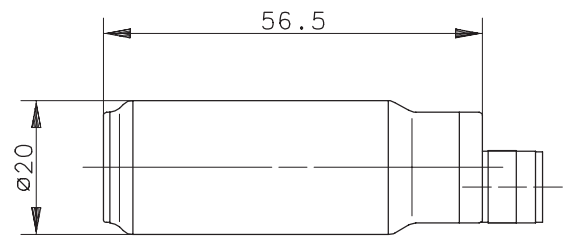
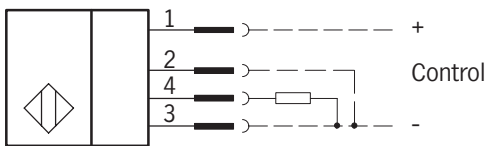
# Technical Data

## Photoelectric - Analogue Sensor

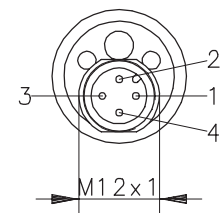
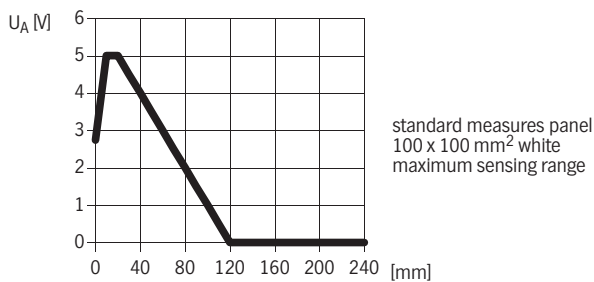
Type: **OZ20RT-DPAP-0150-SE**

Part.-No.: **665.7000.001**

### Wiring Diagram



### Typical Output Signal



### Technical Data according to EN 60947-5-2

#### Electrical Data

Operational voltage range	$U_B$	10 – 30V DC
Output		< 5,5V, $R_i = 250\Omega$
False polarity protection		yes
Output		PNP-Transistor, permanent overload protection
No-load supply current	$I_0$	< 40mA
Type of protection		IP 65
Ambient air temperature		+5°C ... +50°C
Best temperature for storage		-5°C ... +70°C
Lightsource		infrared 880nm
Ambient light proof		> 10000Lux
Sensing range	$S_n$	150mm (adjustable with Control-Input)
Output function		5 ... 0V, analog (see diagram)
Reaction time	$t$	< 3 ms
Time delay before availability	$t_v$	< 300 ms

#### Materials

Housing	stainless steel (Niro 1.4305)
Beam-output	PA 12
Connection	plug socket, M12 x 1, 4 pole

#### Remarks

If the control lead is connected to the + for a short time (0,1 ... 10s), the sensor is adjusted to a new sensitivity.