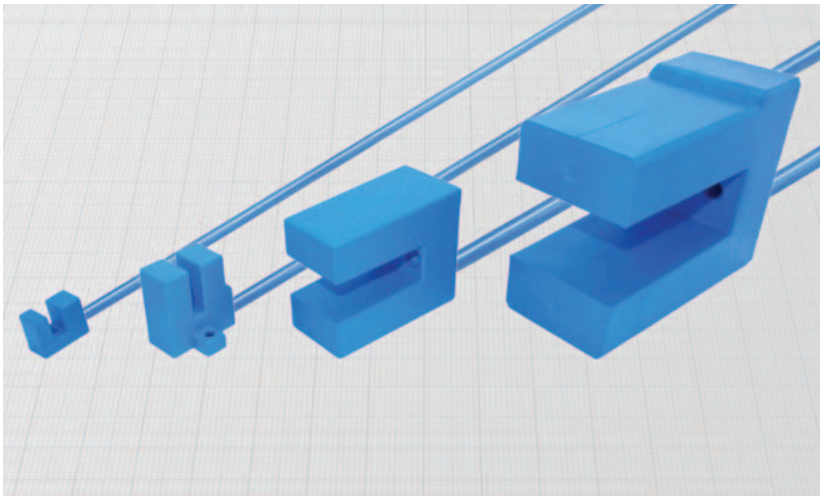
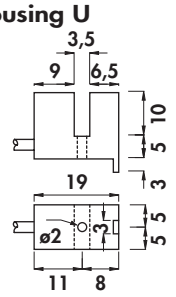
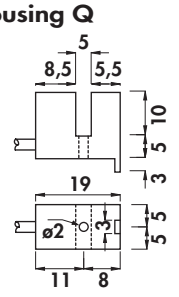
NAMUR SERIES •
Non-amplified in d.c. 2 wires •
Cable output •



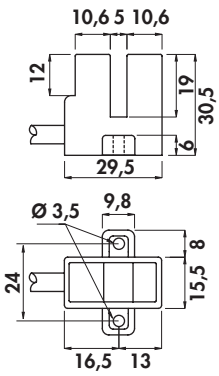
Housing U



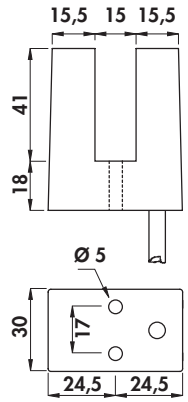
Housing Q



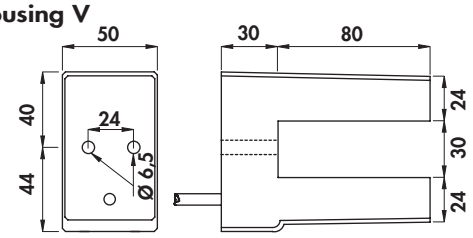
Housing S



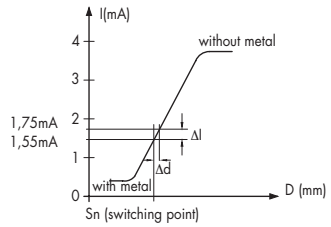
Housing T



Housing V



Typical curve

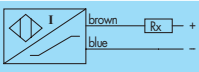


Technical data:

- Working voltage: 5 ÷ 30 Vdc
- Supply voltage according to NAMUR: 7,7 ÷ 9 Vdc
- Max ripple: 10%
- Consumption at 8,2 V con Rx = 1000 Ω
  - with metal: ≤ 1 mA
  - without metal: ≥ 3 mA
- Temperature range: - 25° ÷ + 70°C
- Max thermal drift of sensing distance S_r: ± 10%
- Repeat accuracy (R): 2%
- Degree of protection: IP67
- Cable conductor cross section: 0,15 mm² on DF3,5/… and DF5/…
  0,75 mm² on DF6/…, DF15/… and DF30/…
- According to EN60947-5-6
- Electromagnetic compatibility (EMC) according to EN60947-5-2 CE
- Shock and vibration resistance according to EN60068-2-27 EN60068-2-6
- For certified ATEX version see ATEX Catalogue

Materials:

- Cable: 2 m PVC CEI 20 - 22 II; 90°C; 300 V; O.R.
- Housing: plastic
- Screw and nut (included on DF3,5… and DF5…) brass

Housing	Cable diameter	Gap width	Max switching frequency (f)	Minimum penetration	ORDERING REFERENCES
	mm	mm	KHz	mm	
U	3	3,5	3	5	**DF3,5/4600**
Q	3	5	3	5	**DF5/4600**
S	5	5	1	9	**DF6/4600**
T	5	15	0,8	16	**DF15/4600**
V	5	30	0,3	30	**DF30/4600**